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FLORA OF NORFOLK.

FLORA OF NORFOLK:

A

CATALOGUE OF PLANTS

FOUND

IN THE COUNTY OF NORFOLK;

BY

REV. KIRBY TRIMMER, A.B.,

PERPETUAL CURATE OF ST. GEORGE TOMBLAND, NORWICH;
AND FORMERLY OF ST. ALBAN HALL, OXFORD.

"God made the flowers to beautify
The earth and cheer man's careful mood,
And he is happier who hath power
To gather wisdom from a flower,
And wake his heart in every hour
To pleasant gratitude."—*Wordsworth.*



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1866.

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PREFACE.

DURING a residence of some years in Norfolk, many of its rarer indigenous plants have been met with by the Editor in hitherto unrecorded localities: in the following pages they are noted down for the information of botanists unacquainted with the Flora of this portion of East Anglia, and as aids towards any future Flora of Britain. Whenever possible, it has been his invariable rule to add authority to his own for every plant recorded. Some few plants that have not come under his own notice in Norfolk, are inserted on other authority.

Scattered through the pages of this County-Flora, two Parochial-Floras will be found, namely, that of Stanhoe, where the Editor resided for twelve years, the area of the parish being about one thousand four hundred acres, in which neither marsh plants nor aquatics occur; and that of Crostwick, the area of which is seven hundred acres, consisting in part of wet common and moist meadows intersected by water ditches; and bounded on one side by a rapid brook. The former parish is situate on the highest light land of that

north-western portion of the county which at a former period constituted a wide range of sheep-walk; the latter is about five miles from Norwich, situate in the somewhat narrow district lying between the Wensum and the Bure, being at one part little more than a mile from the last-named river.

It will be seen, also, that considerable approach has been made towards a Flora of Burnham Westgate, a parish immediately adjoining that of Stanhoe, with an area of about two thousand eight hundred acres. Having been officially connected with that Burnham and with several of the neighbouring Burnhams, the Editor availed himself of numerous opportunities of collecting plants of that district. In giving, however, in this Flora any locality on his own authority, though he might very frequently have added to that locality one or other of the Burnhams, he has omitted doing so whenever he could adduce instead the authority, prior in time, of a friend recently deceased, who had for many years resided at Burnham Westgate, Miss Bolton, a sister of the late Earl Nelson; that lady having, for the purposes of this Flora, kindly lent her copy of "Withering's Arrangement of British Plants," in which she had inserted on the margins many additional localities: these will be found transferred to the pages of the present publication, and distinguished from Withering's localities by *italics* preceding the initials W. A.

Mrs. Arkwright, Miss Clitherow, and Miss Bawtree have obligingly contributed names of places in which several of the rarer plants occurring in Norfolk have come under their notice.

From Mr. Edmund Skepper, of Bury St. Edmund's, who, in conjunction with the late Professor Henslow, published in 1860 a Flora of Suffolk, the Editor has received the very valuable help, not only of names of localities of more than one hundred rare plants which Mr. Skepper had himself met with in Norfolk, but of the addresses also of several other botanists who have most obligingly contributed additional lists.

To Mr. Daniel Stock, now of Stoke Newington, the Editor is under much obligation, not only for the loan of that gentleman's manuscript "Catalogue of Plants growing at Bungay (Suffolk) and in the Neighbourhood," but for that also of his copy of Mr. Dawson Turner's "Botanist's Guide" through Norfolk, containing a transcript of Mr. Turner's interleaved copy of his own work, abounding with names of plants and localities in addition to those published in 1805: these additional localities are in this Flora printed in *italics*.

As in Mr. Stock's Catalogue there are not unfrequently citations from the "Botanist's Guide," the Editor has for brevity, in copying from both loans entrusted to him, included all under the initials B. G.; but wherever, with two or three exceptions resting upon the authority of Mr. Turner, the following localities occur in *italics* they are on that of Mr. Stock:

<i>Bedingham,</i>	<i>Ellingham,</i>
<i>Broome,</i>	<i>Hedenham,</i>
<i>Denton,</i>	<i>Kirby,</i>
<i>Ditchingham,</i>	<i>Topcroft,</i>
<i>Earsham,</i>	<i>Wortwell.</i>

The Editor has further the advantage of possessing a copy of Smith's "Flora Britannica," presented to him by the late Mr. Robert Wigham, containing the latter botanist's marginal additions; these will be found printed in *italics* in connection with the initials F. B.

To Mr. John Lowe, of Lynn, the Editor's thanks are due for names and localities of the hitherto unrecorded plants of that district.

He has also been favored by Mr. James Balding forwarding to him lists of some of the plants he had met with in the neighbourhood of Wisbeach.

Smaller lists from other contributors, whose names occasionally occur in this publication, are here thankfully acknowledged.

Lastly, to his cousin the Rev. John Freeman, Rector of Ashwicken and Leziate, and to his friends the Rev. William Blyth, Rector of Fincham, and the Rev. Edward Kerslake Blyth, Rector of Burnham Deepdale, assurances are here given of pleasure experienced in the opportunities they have afforded him of inserting their names as authorities in some of the pages of this Flora.

It was the intention of the Editor to include the remaining Orders of Cryptogamous plants in the present volume, but upon more closely looking into the notes he possesses for that purpose, he finds sufficient for a separate and future undertaking.

INTRODUCTION.

NORFOLK, in reference to Botany, pre-eminent as the native county of Sir James Smith, Dawson Turner, Sir Jackson Hooker, and Dr. Lindley, is forty-seven miles in greatest length from north to south, seventy-two in its greatest breadth, and two hundred and ten in circumference; it is statistically divided into two nearly equal portions, known as East and West, and subdivided into seven hundred and sixty-eight parishes. It extends from 52 deg. 22 min. to 52 deg. 29 min. north latitude, and from 9 min. to 1 deg. 44 min. east longitude of Greenwich.

Its natural boundaries are the German Ocean on the north and east; the Great and Little Ouse and the Waveney on the south; and the Nene and Welney on the west. The interior is watered by the rivers Wensum, Yare, Bure, Thirne, Glaven, Nar, Wissey, and Thet; and by numerous smaller streams. It contains many marsh lakes, provincially called "broads," the largest of which are those of Hickling, Ormesby, Rollesby, Filby, Horsey, Barton, Ranworth, Horning, Wroxham, Rockland, and Surlingham; near Yarmouth, and brackish by reason

of the influx of the tide, there is another broad named Braydon, Breydon, or Bredon, (*brædan* in Anglo-Saxon signifying to make broad,) into which the Yare and Waveney flow, and blending their waters pass on from thence in river form to the German Ocean. More inland there are a few natural pools, known by the name of "meres," the four principal being at Scoulton, Hingham, Saham, and Diss. In some parts of the county are extensive tracts of land, presenting an uninterrupted level surface; in others, more especially the northern, are numerous undulations and ranges of hills, many river-valleys and other hollows, and cliffs extending along some miles of coast. The highest points of land above the level of the sea have been thus estimated: Docking, six hundred to six hundred and fifty feet; Great Massingham, six hundred; and Swaffham, four hundred and fifty. There are but few traces of natural woods remaining. Of the numerous other woods, more strictly speaking plantations, those at Raynham, Houghton-juxta-Harpley, Mileham, Blickling, Wolterton, Gunton, Thursford, Swanton Novers, and Foxley, may be specified as some of the oldest and most extensive. In the times of the Tudors a third of the county was unenclosed. In the reign of Charles the Second, a heath extending with little interruption from Dunston, south of Norwich, northward to Hevingham, and from thence westward to Lynn, and then computed to be a hundred miles in circumference, is now reduced to a few comparatively small detached portions of that description of wild. In the early part of the reign of George the Third, the eastern division of Norfolk was, generally speaking, a district which had long been enclosed; in the present day by far the greater part of it is arable: West Norfolk, at the same period of the last-named monarch's reign, consisted chiefly of dry heath lands, open

sheep walks, and sandy warrens, wet marshes, bogs, and fens; but within the last half century the first three of these have been greatly reduced in number and extent by enclosure, and the greater portion of the other descriptions of soil, after drainage, subjected to the plough, or converted into meadows.

The tendency of all subjugation of soil to the purposes of man, is, in many respects, more especially in the following, to change or modify the character of its Flora: by man, whilst busied in disturbing the surface of the ground in quest of other soil with which, after certain process, he constructs his dwelling, or in raising or sinking fences about that dwelling, or in forming reservoirs of water for his use, indigenous plants often become exterminated; but on the soils thus broken or builded up, on or in such fences raised or sunk, and in the waters thus provided, various seeds deposited by manifold adventitious agencies find meet locations, and more or less possess the old gravel, chalk, and clay pits, walls and hedge-banks, ponds and ditches, which everywhere meet the eye. In such stations they are, with some exceptions, accounted as truly native, and even sometimes from thence receive their trivial names, though time was when they were limited respectively to unbroken surface soils, to rocks and other stony places, to rivers, and to natural lakes. A cursory examination of any published Flora will furnish testimony to the frequency with which nature thus plants upon the works of art. In Sir W. J. Hooker and Dr. Arnott's British Flora there are about two hundred and thirty indigenous species whose given general characteristic stations are walls and hedges, ponds and ditches; taking a small and more closely examined portion of Britain there will be found in Professor Babington's Flora of Cambridgeshire about two hundred and seventy native plants, recorded to have been met with in gravel, chalk, and clay pits,

and stations similar to those already specified; and in any Parochial Flora, by reason of more frequent opportunities of observing the plants of a yet smaller area, their number will probably be generally found comparatively greater. My own long acquaintance with the Flora of the very small parish of Crostwick has enabled me to record not less than two hundred and eighty-two indigenous species growing in places unintentionally provided for them by man.

By man, also, whilst contriving for himself facilities of motion, such as by railway and other sections, seeds of plants, which at some former period of the earth's condition grew on a surface subsequently covered by deposits, have, after long preservation in nature's repository, come forth to life when the natural requisites for growth have been afforded; instances of such reappearance of plants have come under my own observation.

By man, moreover, whilst engaged in the augmentation or improvement of his domain by the enclosure or cultivation of ancient waste and commons, and drainage of marshes, bogs, and fens, indigenous plants have been destroyed; but seeds of other plants long buried therein have sprung up and in some measure filled their places; to instances of this kind that have been recorded by Ray and subsequent writers, I could from my own notice add others.

The foregoing remarks are applicable more or less to other districts beside that to which my Flora relates; but there is a moving power that has been advancing from the beginning of the 14th century, for a long period only slowly, but from about the year 1740 making more rapid progress, and effecting greater alterations in the surface soils of Norfolk than in any other county, and so much affecting its Flora that it requires to be noticed. I allude to the agricultural system of *Land*

Dressing, under which immense quantities of mineral manures are conveyed from land to land, and sometimes by long water-carriage from one district to another; whereby, when conducted with judgment,* “wet soils are rendered dry, and dry soils sufficiently moist, adhesive soils loose, and loose soils sufficiently adhesive.” On such tempered soils plants which naturally prefer the sand, the chalk, and clay, are often found in proximity, and sometimes sharing the same plot of ground; some, not destroyed by the introduced soil, others accompanying and not injuriously affected by that which it was designed to qualify. The peculiar mode by which lands thus qualified are further prepared for cultivation has been instrumental in laying up, or if pre-existent, in detaining a vast amount of seeds which unintentionally, nay contrary to intention, is placed occasionally in a position suitable for growth. “Immediately under the cultivated soil,” writes Marshall, “a hard crust—provincially ‘the pan’—occurs universally.” This pan, he expresses his opinion, “is a production not of nature but of art; or to speak more accurately, a consequence of the Norfolk culture carried on, time immemorial, with the Norfolk plow;—whose broad flat share being held invariably in a horizontal position, and (unless in fallowing) invariably at the same depth, the surface of the soil becomes formed by action of the share, the pressure and sliding of the heel of the plow, and the trampling of the horse, into a firm even floor, upon which the soil is turned and returned in the same manner it would be if spread on a floor of stone or other material. The pan, year after year, and perhaps century after century, has been a receptacle of the seeds of weeds, which, by being trodden or

* Practical Geology and Mineralogy; with Instructions for the Qualitative Analysis of Minerals. By Joshua Trimmer, F.G.S. Parker, London.

otherwise pressed into it, have remained there locked up from the sun and air, and thereby deprived of the power of vegetation. But no sooner are these seeds released from their confinement by being brought to the surface with the plow, than they vegetate in myriads to the annoyance of the crop."

In proceeding to speak of the soils themselves, over which my Flora extends, I shall follow verbatim, as far as abridgment will allow, the description thereof given in a work *ON THE GEOLOGY OF NORFOLK AS ILLUSTRATING THE LAWS OF THE DISTRIBUTION OF SOILS*, written at the instance of the Journal Committee of the Royal Agricultural Society of England, by my late brother, Joshua Trimmer, F.G.S.; and I the more gladly avail myself of the information contained therein, because he was "* long known among Geologists by his successful researches into the distribution of those superficial deposits by which the rock formations figured on our geological maps are obscured." For the furtherance of his undertaking he found it necessary to lay down the variations of soils on a map exhibiting accurately and on a large scale the physical features of the district; and therefore traversed the county for the purpose of laying down the variations on the Ordnance map. The scale of that map he found to be the smallest on which the variations could be shown; they vanished when he attempted to reduce it. He therefore illustrated them by means of sections instead of maps. His Ordnance map thus accurately laid down, I have found to be so studded with variations of soil as to preclude the possibility of prefixing to my Flora a map indicative of those variations. It will be found, however, throughout its pages, that whenever any plant naturally affects particular soils, those soils are specified, and the names of the parishes given in which such soils exist.

* Agricultural Gazette, October, 1857.

The base of the superficial deposits in Norfolk consists of a great sheet of chalk, with an undulating and waterworn surface, which dips under the sea to the southward of east, and rising towards the interior, attains its greatest elevation along a line which ranges from Lopham Ford, between the sources of the Waveney and the little Ouse, by Swaffham to Brancaster, and constitutes the watershed of the county, known as the Downs of Norfolk. On the eastern side of the watershed the surface consists of deposits of the erratic block group, varying in depth from less than three to more than three hundred feet. Within this area is a tract in which the Norwich or Mammalian crag is interposed between the chalk and the erratic deposits. It is bounded on the north, the east, and the south, by the ocean and the marshes of the Yarmouth estuary, south of which it reappears in Suffolk. Its western boundary is an irregular, and not very well ascertained line, which may be described in general terms, as ranging from Weybourne to some point between Bungay and Diss, ramifying among the hollows in the chalk, which appears to have broken with islands and promontories the continuity of the sea in which the crag was deposited. Beneath the greater portion of the larger area east of the watershed, the upper or soft chalk forms the base of the crag and detrital deposits. The out-crop of the strata brings to the surface along the western edge of the watershed the lower beds of hard chalk, which contains much siliceous matter, and is sufficiently hard to be used as a building stone.

From beneath this, the gault, and the representatives of the green sand—the red chalk and the carstone successively emerge, and are succeeded by the Kimmeridge clay, which forms the base of the alluvial deposits of the Wash. As the drift approaches the watershed, it gradually thins off, and

loses much of that regularity of deposit which is observable in the Cromer and Gorleston coast sections, and in those of the valleys of the Waveney, the Wensum, and the Yare. It is found on the summit of the watershed, with still less regularity of stratification, and, on the steep slopes of its western escarpment, has been much more broken by denuding action.

The crag is succeeded in the ascending order by ferruginous sand and gravel, and greenish blue clay, abounding with sulphate of iron and vegetable remains, freshwater shells, bones, teeth, and scales of freshwater fishes, together with remains of elephantine and other large mammals. The depth of the deposit inferred from numerous sections is usually somewhat less than ten feet. It is seen in the base of cliffs between Weybourne and Happisburgh, on the shore between high and low water. Its greatest development is at Runton and Mundesley. At the latter place the peaty deposit attains a thickness of nearly twenty feet, and with the freshwater shells which accompany it, is partly below, partly interlaced with the lowest members of the drift.

THE SUBTERRANEAN FOREST.

At various points on the coast stumps of fir-trees occur rooted in the sand, gravel, and clay, of the above deposit. In fresh sections of the cliffs these rooted trees are clearly seen to be covered by the mass of the drift.

MARINE BED BETWEEN THE FRESHWATER STRATA AND THE DRIFT.

On each side of the gap at Runton my brother observed, immediately above the freshwater beds, the rare phenomenon, in connexion with the English drift, of a regular marine bed of shells, evidently on the spot which their inhabitants had requested while living.

THE LOWER DRIFT—BOULDER CLAY.

Above this marine deposit occurs the boulder clay, the lowest member of the northern drift. It is proved to be a marine deposit by the marine shells which it contains; but they occur in a very different condition from those of the Norwich crag, or of the marine bed last mentioned, consisting rarely of anything but fragments, distributed with the utmost irregularity through the mass—species of different habits, the inhabitants of sandy and of muddy bottoms, of deep and shallow water, being mixed confusedly together and associated with fragments of various rocks, often little waterworn, but much scratched, derived from a number of distant localities intermixed largely with local detritus. The base through which these fragments of shells and rocks are distributed is often not very dissimilar in other respects from the London clay. The foreign detritus consists of blocks and pebbles of granite, gneiss, mica-slate clay-slate, greenstone, porphyry, and other rocks which occur no nearer than Scotland or Norway.

They constitute the tail of a stream of detritus, traceable over a large portion of the north of Germany, the blocks diminishing in size and quantity with their distance from the scandinavian peninsular. Besides these fragments, those of Kimmeridge clay and lias are met with, containing their characteristic fossils. Those of the London clay and carboniferous strata are more rare. The most abundant detritus consists of fragmentary chalk and chalk-flints. These are found under a variety of conditions: 1st, as detached masses of chalk enveloped in the clay; 2nd, as masses of fragmentary chalk collected together with little or no intermixture of other matter, and free from attrition by aqueous action; 3rd, as

fragments sometimes quite angular, sometimes more or less waterworn, dispersed irregularly through the clayey matrix, in juxtaposition with the detritus derived from greater distances. On the flanks of those masses of chalk which have been brought together without attrition and unmixed with other matter, their materials have been rearranged by marine action after being finely comminuted and intimately combined with clay, thus producing proper marls, of various shades of white, grey, blue, and yellow. The insulated masses of chalk and transported chalk rubble are most abundant in the cliffs of Cromer, between Trimingham and Weybourne. Towards the termination of the cliffs near Happisburgh the thickness of the clay diminishes. Its upper surface sinks to below the level of the sea, and disappears beneath the sand-hills and the alluvium of the Yare. Detached portions of the clay are, however, met with in the "hards" or "holms" which rise like islands from among the alluvial deposits. In composition this clay is somewhat different from that of the Cromer cliffs, consisting of a mixture of blue clay, such as it occurs in these cliffs, with yellow clay and sand. In this form it is the grey clay-marl of East Flegg described by Marshall. South of the Yarmouth estuary it is again visible in the cliffs between Gorleston and Lowestoffe, occupying their upper part, with a large development of crag-sand below it, and a thin covering of the sands and gravels of the upper drift above it.

Following it up the valley of the Waveney, we find it still holding the same relative position to these two sandy deposits, except where, by the denudation of the upper sand, the clay has been exposed over extensive areas in the southern hundreds of Norfolk, and over a still more extensive portion of the north of Suffolk. Oolitic detritus increases in quantity as the boulder clay is traced towards the west, in the river

sections, and in the clay-pits which have been so abundantly opened throughout the district. This detritus consist of fragments of the Kimmeridge clay and otheroolitic rocks, with their characteristic fossils.

In the northern parts of central Norfolk, and in the ramifications of the boulder clay among the chalk, the chalk detritus increases in quantity till it constitutes the largest portion of the mass, which then is scarcely distinguishable from the transported and reconstructed chalk to be mentioned presently, as enveloped in the upper drift of East Norfolk as well as in the boulder clay. This form of boulder clay abounds in the neighbourhood of Wells, constituting the "clay" which has been so extensively and profitably used on the Holkham estates. The least chalky varieties have been found the best. In the drift of the Cromer cliffs the chalk detritus has been chiefly derived from the soft upper beds; in that of southern and central Norfolk, fragments of the lower or hard chalk prevail. The masses of transported Kimmeridge clay and chalk, associated with irregular accumulations of sand and gravel, which occur in hollows on the summit of the watershed, may be considered as belonging rather to the upper drift than to the boulder clay. On the slope of the western escarpment portions of deep beds of boulder clay again occur at the heads of some of the valleys, but from the steepness of the slope it has been more denuded than in the more level districts on the east; and the greater portion of the western valleys have been swept clean of the detrital deposits, the chalk having only a thin covering of sand. In the lower parts of these valleys the boulder clay is covered by the alluvial deposits. The upper surface of the boulder clay is very irregular in the Cromer cliffs, its depth varying from less than ten to seventy or eighty feet.

In the river sections of the southern and central parts of the county, and in the pits where the boulder clay rests on the sand of the crag, it is seldom that more than ten feet of it are exposed, but large portions of its upper part have evidently been removed by denudation. Where it is deep it has not been sunk through.

THE UPPER DRIFT.

The boulder clay is generally said to be unstratified, but improperly as regards that of Norfolk, because in the least stratified portions alternations of deposits are marked by irregular seams of fragmentary chalk. These are best seen either in fresh sections, or when masses of the clay have been exposed to the wash of the sea. The face of the cliff is in general covered by a crust brought down by the rain, which conceals the stratification. In the upper drift, however, stratification is much more decided, consisting of alternating beds of sand, gravel, loam, and coarse shingle. The boulder clay passes upwards into laminated blue clay and silt, which again pass into the yellow sands of the upper drift, containing large masses of fragmentary chalk.

The boulder clay occurs but once, and that at the commencement of the period of the drift; after which, the peculiar causes, whatever they were that produced it, ceased. In the upper drift there are several alternations of the fragmentary and reconstructed chalk. These, in East Norfolk, constitute a large portion of the "marl" which has been so extensively used for the improvement of its light soils. It is found in some cases mixed with a variable proportion of blue and yellow clay and sand, in others it is sufficiently pure to be burned for lime. Among the numerous instances of lime-kilns situated on these beds of transported and reconstructed chalk, the lime works near the town of Cromer and at Thorpe Market

may be mentioned. Near Saxthorpe is a bed in which the transported chalk intimately combined with a bluish clay yields an hydraulic lime.

WARP OF THE DRIFT.

Over the denuded surface of the upper drift and of the lower drift, when the denudation has extended so low, another deposit has been thrown down, which has hitherto been little noticed, or has been passed over in the descriptions of geological sections under the name of vegetable mould. It appears to have been a deposit from turbid waters returning to a state of tranquillity, and was named by my brother provisionally the warp of the drift, a name which he, however, considered not altogether appropriate, because, though in low situations and on level surfaces, it resembles the warp or sediment left by the tidal waters of muddy estuaries, and is scarcely distinguishable from modern alluvial deposits; yet in other situations, far above the reach of existing streams, stones of considerable size (in Norfolk chiefly flints) are contained in it. The varieties of soil depend principally on the depth and composition of this deposit, while these again depend on the form of the surface. But for this warp the Happening hundred would have consisted of as barren sand as any in the county. It is there often four or five feet deep, while on the higher portions of Norfolk its depth is less than six inches. Soils of the latter description, whether loam or clay, are called by the farmer thin-skinned.

This warp differs more or less from the subsoil on which it rests. On sands it contains a greater mixture of argillaceous matter, producing a sandy loam of different degrees of adhesiveness; on clay it contains an intermixture of sand producing a clay loam, or at any rate, clays less adhesive than those of the subsoil.

The greatest height to which this deposit extends has yet to be determined. In Norfolk it has been spread, however thinly, over the highest parts of the county. The situations in which it is wanting are those which, from the form of the surface, would have been swept by currents instead of the water being allowed to stagnate over them, and to deposit its sediment. On steep escarpments it is almost wholly wanting, and in such situations the subjacent strata, whether gravel, sand, or clay, of the drift, or any member of the regular strata, exert their full influence on the characters of the soil.

BRICK-EARTH OF THE NAR.

Till this place the consideration of the brick-earth, or rather clay, of the valley of the Nar, and the fresh-water deposits of Gaytonthorpe, both of which appear to have preceded the formation of the warp, have been deferred, because it was necessary that the reader should be made acquainted with that hitherto undescribed member of the erratic block period, in order to understand its relations to these beds.

Throughout the whole depth of the upper and lower drift, the thickness of which, in some of the Cromer sections, exceeds three hundred feet, no regular bed has yet been discovered containing shells of marine animals that had lived upon the spot. Mention has already been made of a deposit of this kind interposed at Runton, between the boulder clay and the fresh-water beds at the commencement of the submergence. The brick-earth of the valley of the Nar appears to have been formed towards the termination of the subsequent period of elevation, and to be covered only by the warp of the drift, which closed the erratic block epoch. This deposit is mentioned by Young in his report to the Board of Agriculture, under the

name of oyster shells and marine mud, used as a dressing for turnips, and of great efficacy on land that has been worn out with corn. It has been named, not very appropriately, brick-earth, by which loam is usually understood, whereas it is in reality a blue clay, used in the manufacture of tiles and white kiln-burnt bricks. From the marine shells which it contains, their state of preservation, and the manner in which the species are grouped, it appears to have been an estuary deposit.

The Nar clay, though it has been penetrated to the depth of forty feet, has not been sunk through. The proof of its superposition to the boulder clay is therefore incomplete. It may, however, be inferred from the fact that boulder clay has been found underlying the alluvial deposits in deep excavations in the marshes.

FRESH-WATER DEPOSIT OF GAYTONTHORPE.

About two miles north of the ancient estuary of the Nar there is a small parallel valley, also opening to the Wash. In this valley, and a quarter of a mile north of Gaytonthorpe, a blue clay, containing lumps of waterworn chalk, and abounding with small crystals of sulphate of lime, is worked for brick-making. No shells have yet been found in it, and in their absence it is doubtful whether it is a form of boulder clay or an estuary deposit like that of the Nar. About half a mile east of this brick-field clay has been formerly dug for agricultural purposes on the farm of Gaytonthorpe Hall, on the north side of the road, but the pit is now full of water. On the south side of the road is another pit at a higher level, still worked. In this pit several beds of clay and calcareous sand rest upon an irregular surface of a bed resembling in composition the more chalky varieties of boulder clay. The surface soil consists of a loamy warp, containing in some parts accumulations

of flints of considerable size, and filling furrows and pipes deeply excavated in the calcareous sand and associated clay.

From the numerous fragments of a very thin univalve in the calcareous sand, accompanied by horny *opercula*, resembling those of a small *paludina*, and from part of a *unio* occurring in one of the beds of clay, and from several entire specimens of *cyclas* and one *planorbis* more recently discovered by Mr. Rose, who had conducted my brother to the pit, there is satisfactory evidence that they were fresh-water deposits. It may, therefore, be concluded, that whatever were the causes which produced the warp, they were not in operation until the latter portion of the period of elevation, when the marine strata which had accumulated upon a terrestrial surface submerged to the extent of six hundred feet at least, had been again laid dry, and had continued a terrestrial surface for a sufficient time to permit a considerable accumulation of fresh-water strata near the head of a valley, which was filled perhaps in its lower part with an estuary like that of the Nar, receiving in its upper part the drainage of the high grounds on the east. The warp also was not deposited until after the cessation of those agencies, whatever they were, which were so unfavorable to animal life as to have caused the absence of regular deposits of shells through a series of marine strata more than three hundred feet thick.

About a quarter of a mile higher up the valley, a gravel pit has been opened in a superficial deposit of angular flints which appears to be of the date of the warp.

AGRICULTURAL DISTRICTS.

I. ALLUVIAL DISTRICT OF EAST NORFOLK.

This comprehends three subdivisions: those of—1. Alluvial Sand; 2. Alluvial Clay; 3. Peat.

The alluvial sand consists of the Yarmouth Denes and the hills of blown sand which stretch along the coast from Eccles to Hemsby, with an average breadth of less than a quarter of a mile.

2. ALLUVIAL CLAY.

This occupies a triangular space, the base of which is a line drawn from the canal joining the Yare and the Waveney, along the course of the latter river and the Breydon water, and thence along part of the North Denes to East Caistor. The other sides of the triangle are formed by lines extending, the one from East Caistor, about a quarter of a mile south of West Caistor and Runham to Stokesby; the other from Stokesby, passing about half a mile west of Halvergate, to the point where the canal before mentioned enters the Waveney.

3. THE PEAT.

The western edge of the alluvial clay is bordered with a peaty margin, about half a mile broad, which unites the peat districts of the Waveney and the Yare with those of the Bure and its tributaries, the Ant and the Hundred Stream.

The portion of the peat of the Waveney which is in Norfolk, extends, with a very irregular breadth, varying from less than a quarter of a mile to nearly a mile, from Burgh St. Peter's to the bog in which that river rises at Lopham Ford. The peat of the Yare borders both sides of the river, with an average breadth of about a mile and a half, from the Yare and Waveney Canal to Surlingham; above which, to Trowse near Norwich, it contracts to half a mile. The widest part of the peat of the Bure is below the confluence of the Ant and the Hundred Stream with that river, the breadth varying from three miles at its northern and southern extremities, to about

a mile and a half in the centre. Along the separate course of these streams the breadth of the peat varies from half a mile to a mile on the banks of the Bure, from its junction with the Ant to Wroxham; on the banks of the Ant from the junction before-mentioned to Stalham broad; and on the banks of the Hundred Stream to Hickling and Horsey broads. The upper parts of the Yare and Wensum above Norwich, and of the Bure and Ant above Wroxham and Stalham, as well as their tributary streams, are, in many places, fringed with peaty meadows, varying from one-eighth to one-fourth of a mile in breadth.

II. DISTRICT OF THE DEEP UPPER DRIFT.

This may be divided into two sub-districts: those of the thick and the thin warp; though each of these, in point of fact, consists of many districts separated from each other by soils of a different quality.

1. THE SUB-DISTRICT OF THE DEEP WARP.

A line drawn from Trimingham to Loddon, and another from Loddon to East Caistor, will, with a few trifling exceptions, include between them and the sea-coast all the best loams of East Norfolk, interspersed among much of a lighter and thinner staple and some sand, and among the peat which borders the rivers and broads. The areas occupied by these different varieties of soil are extremely irregular, the deep and strong loams being found in the bottom of valleys and other low situations not covered by the peat, the thinner and lighter loams occurring on the summits and upper slopes of the high ground, and the sand on steep escarpments, in the manner already explained.

2. THE SUB-DISTRICT OF THE THIN WARP.

In the tract east of a line drawn from Trimingham to Loddon the better descriptions of loam prevail. In the other part of the eastern light land district there are small areas of the same description of soil in the valleys, but they form the exception, the greater portion of the district being occupied by a thin warp on the summits, or by the sand and gravel of the upper drift and crag exposed by denudation on the steep escarpments bounding the valleys of the principal streams.

III. DISTRICT OF THE LOWER DRIFT.

This comprises the strong land in southern and central Norfolk, the area throughout which the clay of the lower drift has been exposed more or less by denudation. Irregular as the boundaries are, the ramifications are found to be far more irregular where we follow the denudation into its details. This district is divided into two by the Wensum, the smaller lying to the north of that river. The separation is caused by the denuding action having extended along that great line of drainage through the boulder clay down to the sand and gravel of the crag, a large extent of which has been exposed on the steep sides of the valley. Within each of these strong land districts there is likewise every variety of soil, arising in some cases from denudation to a similar depth, though on a smaller scale, but more frequently form out-lying portions of the upper drift, covered by a deep or thin warp, remaining on the surface of the boulder clay.

SUB-DISTRICTS.

If we divide Smith's largest district of strong soil by a line drawn from Wymondham to Attleborough, wheat and bean land, consisting of the denuded surface of the boulder clay covered by warp of clay loam, will be found to prevail

over the southern portion—the out-lying patches of upper drift constituting exceptional cases—while in its northern part, and in the small district lying north of the Wensum, the proportions are reversed, the loams of the upper drift covering the greater portion, and the boulder clay being only exposed, except in artificial excavations, in the bottoms of the valleys which intersect it.

IV. DISTRICT OF THE THIN UPPER DRIFT.

This comprehends the whole of Smith's light land district lying on the west of his district of strong soil. It occupies the summit level of the county, on which a thinner deposit of the upper drift appears to have been thrown down, originally, than in the eastern side. It covers also with a thin coating the greater part of those areas which have usually been represented in geological maps as occupied by the rock nearest the surface. On the summit of the watershed the drift varies in depth, from less than three feet to more than thirty. Between the chalk and the warp there are generally interposed two or three feet of rubbly chalk, mixed with patches of sand and yellow clay. This is covered, in some cases, by merely a thin sandy warp; in others by thirty or forty feet of sand, gravel, and coarse shingle, with little regularity of stratification, and having masses of transported chalk and Kimmeridge clay enveloped in them. The thin upper drift of the watershed is covered in general by a more sandy warp than is found on the lower summits; there is, however, in different parts, considerable variation in the quantity of argillaceous matter contained in it. This increase takes place here, as in other districts, in hollows and situations where, during the submergence, water would have stagnated and deposited the finely divided matter held in suspension,

while sharp sand and gravel are exposed in situations which, from the contour of the surface, would have been swept by brisker currents. These prevail in the southern portion of the district, on the borders of Suffolk.

In the district of thin upper drift we may include the western escarpment, in which the chalk and other rocks are covered only by a warp, or by a warp upon a thin crust of gravel and sand. There, however, the thinness of the covering must be considered not as an original condition of deposit, but as the result of denudation during the period of elevation, since there is reason to believe, from the patches of boulder clay remaining at the heads of some of the valleys—boulder clay being also known to lie under the alluvium of the marshes—that this western side of the watershed was covered during the period of submergence with as deep accumulations of upper and lower drift as the eastern side; that they have been more denuded during their elevation, owing to the greater acclivity of the base on which they rested, and that the gravel and sand now in contact with the chalk were deposited after their removal, but before the formation of the Gaytonthorpe beds, and of the Nar clay, and the warp.

Towards the bottom of the valleys, and as they approach the alluvial district, they are covered by a deeper warp, which produces some small tracts of strong or deep loams, sometimes upon an absorbent, sometimes upon a retentive base, ramifying, with the contour of the surface, among tracts of lighter and stronger soil, under conditions very similar to those which have been described on the eastern side of the county.

V. WESTERN ALLUVIAL DISTRICT.

This valuable, improved, and still improving tract is divisible, like the alluvium of East Norfolk, into two sub-

districts, that of the clay or loam, and that of the peat, the former the nearest to the sea, the latter at the inland extremity of the alluvial district.

Sections of the alluvium are only laid open in occasional excavations. These, as recorded by local observers, are such as to indicate the gradual silting up of an estuary until the salt water was excluded and a peaty morass formed, liable to inundations of fresh water. When arrived at this state its further desiccation was affected by the embanking of tracts lying nearer to the sea.

FOSSIL MANURES OF NORFOLK.

From the distribution of the soils in Norfolk under the combined influence of the solid strata and the drift, I proceed to the geological relations of its fossil manures. Taking them in the ascending order they are :

1. The peat and clay of the fresh-water deposit below the boulder clay rarely employed, but always beneficially.

2. The boulder clay. A variety composed of the mixture of the blue and yellow boulder clay is the clay of East Flegg—the grey clay-marl of Marshall. The same, with a larger mixture of detritus derived from the hard chalk and the oolites, is extensively employed not only upon light soils, but upon the clay-loams, the wheat and the bean lands of South Norfolk. The blue boulder clay of Cromer cliffs, though little used, has, when used, been invariably found beneficial.

In a hollow in the chalk near Castleacre is a blue clay containing lumps of chalk, which appears to belong to this part of the series. It has been used on a loam, by no means light, with great benefit. On a field at Trunch, consisting of a still better loam, was spread a quantity of blue clay, the same as that of the Cromer cliffs. The result was, in the first

instance, a splendid crop of oats, followed by a great improvement in the subsequent crops, which is undiminished after the lapse of more than ten years.

3. The most chalky varieties of boulder clay constitute the "clay" of the neighbourhood of Holkham, which is scarcely distinguishable from No. 4; the least pure varieties of the transported chalk or "marl" of East Norfolk.

4. It has already been stated that some of this transported chalk is pure enough to be burned for lime, that other varieties consist of fragments of chalk mixed with a variable proportion of yellow sand and clay. Similar varieties occur in some of the marl pits of East Norfolk; in the coast sections they are found to proceed from the flanks of masses of transported chalk, the materials of which, finely comminuted and rearranged by aqueous action, have been mixed with a portion of clay.

5. Sand of the upper drift. Sand spread in a thick coat on the course turf is one of the first steps used in Norfolk for the improvement of peaty meadows.

6. The clay of the Nar with its beds of fossil oysters and other shells.

7. The fresh-water clay and calcareous sand of Gaytonthorpe.

If to the substances above enumerated, be added the hard and the soft chalk, raised from the solid strata, and also the London clay, and the shelly beds of the red crag—the two latter largely employed in Suffolk—there are no less than eleven mineral manures, besides varieties of some of them, used in Norfolk and the adjoining county for the improvement of the soil, ten of them bearing the names of clay and marl.

The marl from which the light lands of East Norfolk have derived so much benefit is CHALK—either chalk alone or mixed

with a slight proportion of sand and clay—raised from the undisturbed strata of chalk, or from its transported detritus imbedded in the upper and lower drift. To those parts of the district which do not possess chalk, in one or other of these forms, on the spot, and at accessible depths, it is conveyed from the chalk pits of Thorpe, Whitlingham, and Horstead, burthened in some cases with the cost of thirty or forty miles of expensive inland navigation, to which again is not unfrequently added a land carriage, from the wharf at which it is landed, of four or five miles. The rotten and weathered chalk near the surface, and on the sides of the large pipes or cavities, which is partially mixed with “uncallow,” is sold to the farmers under the name of marl, not because it is better for the land than the pure chalk, but because it is unfit for burning into lime. Farmers who possess chalk pits on their land have stated that the deeper they went the more they found the quality improve.

On the wheat and bean lands of the southern portion of the district of the lower drift of Norfolk heavier dressings of boulder clay are applied than on the light soils of the thick and thin upper drift in the northern, eastern, and western parts of the county; and experience has proved that this application of clay to clay is beneficial. This clay, however, contains a large proportion of hard chalk, and it is very probable that this is the beneficial ingredient.

ADDENDA.

Page 8, line 21, after this line add :—

3. *Fumaria micrantha*, Lag. Small-flowered F. June—September.

Fields. Between Gallow hill and Burnham Westgate ;
Rev. W. W. Newbould.

Page 13, line 11, *Sinapis nigra*, L., To locality of, after
Burnham Thorpe, add :—

Banks of the stream between Harleston and Redenhall.
By the river-side at Letheringsett.

Page 30, line 5, after this line add :—

Hypericum montanum, L. Mountain St. J. W. July,
August.

Bushy places in upland, gravelly, and chalky soils.
Between Norwich and Thorpe ; E. B.

Page 31, line 4, after this line add :—

Geranium pratense, L. Meadow or Crowfoot-leaved C. B.
June—September.

Meadows. North Pickenham ; Rev. W. Ewing.

Page 31, line 8, *Geranium pyrenaicum*, L. To localities of,
after East Carleton, add :—

Plentifully about Harleston. Needham.

Page 37, line 6, *Melilotus alba*, Lam. To localities of, after
Garveston, add :—

Morley. Railway cutting at Kimberley.

ADDENDA.

Page 37, line 19, **Trifolium ochroleucum**, L. To localities of, after Gravelly places, add :—

Plentifully about Billingsford next Scole. Pulham.

Page 49, line 15, after this line add :—

5. **Pyrus * aucuparia**, Gært. Mountain Ash. May, June.

Not unfrequent in old woods. Gunton. Cossey. Blickling. Raynham. Westwick.

Page 53, line 4, after this line add :—

III. SPERGULA. *Spurrey*.

1. **S. arvensis**, L. Common S. June—August.

Corn-fields and light cultivated soils. Crostwick. Stanhoe. Burnham Westgate.

Page 53, line 25, **Sedum Telephium**, L. To localities of, after Swafeld, add :—

Runham. Strumpshaw. Edgefield. Southrepps. Westwick. Martham.

Page 54, line 18, **Sedum rupestre**, L. To localities of, after Alby, add :—

Suffield. The several localities here recorded (with the exception of Mundesley, where this species has more recently been met with by Rev. E. J. Bell) are contiguous and constitute a district of some few miles in which the plant occurs without appearance of being an escape from cultivation.

CORRIGENDA.

Page Line

- 4 30 after Not general read Cornfields, dry banks, and waste places.
7 11, 21, for north-eastern read north-western.
8 1 for Gart. read Crantz.
" 18 after capreolata for E. read L.
12 1 for Malconia read Malcolmia.
16 17 for coronopus read Coronopus.
19 7 after Wolverton read *V. flavicornis*, Forst., and dele var. *flavicornis*, Forst., in the next line.
20 13 for POLYGACEÆ read POLYGALACEÆ.
21 10 for armeria read Armeria.
" 26 after W. A. read var. *hirsuta*, Earsham; B. G., and dele the first line in the next page.
26 10 for Glaucia read glauca.
" 15 for Graminea read graminea.
36 25 after M. officinalis read L.
38 7 for Striatum read striatum.
41 26 for cracca read Cracca.
43 1 for Sylvestris read sylvestris.
" 4 after L. palustris read L.
" 25 for Common Wild Cherry read Dwarf Cherry.
48 27 after Not unfrequent read Hedges and thickets.
49 18 for salicornia read Salicaria.
51 12 for Myrophylum read Myriophyllum.
55 4 for Nigrum read nigrum.
57 25 for amomum read Amomum.
59 26 for Salt marsh read Marsh.
62 12 after Common read Hedges and dry banks.
69 4 for Olilaria read Olitoria.
" 24 for Fullonum read Fullonum.
70 23 for Composite read COMPOSITE.
To the Note after followed read except that Cnicus is not included in Carduus.
75 4 for Achillea read Achillea.
80 16 for ONOPORDON read ONOPORDUM.
82 12 for Marianus read Marianum.
83 9 for HYPOCHÆRIS read HYPOCHÆRIS.
85 14 after Rare read Hedge-banks.
86 26 before Rapunculus place *
90 7 for cineraria read cinerea.
105 10 for var. *pubescens* read *V. pubescens*.
106 5 for serpyllifolia read serpyllifolia.
108 29 for M. gracilis read *M. gracilis*.
109 15 for Serpyllum read Serpyllum.
115 5 for PINGVICULA read PINGVICULA.
116 24 after vulgaris read L.
117 28 for cœrulea read cœrulea.
118 16 for GLANK read GLAUX.
127 26 for Convolvulus read Convolvulus.
129 8 before Clematidis place *
134 27 for canescens read canescens.
137 2 for ANACRASIS read ANACHARIS.
140 24 for Lady's-Traces read Lady's-Tresses.
142 1 for Tridacæ read Iridacæ.
143 4 for LILILACEÆ read LILIACÆ.
150 2 for T. angustifolia read T. angustifolia.
159 3 for E. angustifolium read angustifolium.

MARKS AND ABBREVIATIONS.

- A** Full Stop immediately following the name of a place indicates that the plant under notice has been there met with by the editor.
- *** Before the name of a plant denotes that the plant has been introduced, but is now naturalized.
- †** Shows that the plant has but little claim to be considered as indigenous.
- Mark the plant as having no claim, though found in a wild state, to be accounted indigenous or even naturalized.
- W. A.** Withering's Arrangement of British Plants.
- F. B.** Flora Britanica, by Sir J. E. Smith.
- H. B. F.** Sir J. Hooker's British Flora.
- B. M.** Professor Babington's Manual of British Botany.
- H. A. B. F.** Hooker and Arnott's British Flora.
- N. H. B. F.** Newman's History of British Ferns.
- Sk.** Plants on the authority of Mr. E. Skepper, of Bury St. Edmund's.
- J. B.** Plants on the authority of Mr. J. Balding, of Wisbeach.

FLORA OF NORFOLK.

DICOTYLEDONES.

ORDER I.—RANUNCULACEÆ.

I. CLEMATIS. *Traveller's Joy.*

1. **C. Vitalba**, L. Common T. J. June, July.

Hedges in a chalky and gravelly soil. Dersingham. Scarning. East Dereham. Roydon near Diss. Stratton Strawless; Mr. Stillingfleet; Spixworth, Stoke Holy Cross; Mr. Edward Field. Hales, Mr. Bransby Francis.

II. THALICTRUM. *Meadow Rue.*

1. **T. majus**, Sm. Greater M. R. June.

Rare. In a hedge-bank in Herring's Lane, Burnham Westgate. "*Unless I mistook at the time, 1785, this rare plant was gathered by me at a spot called Gallows Hills, Burnham Market;*" Mr. R. Francis in B. G. Burnham Market and Burnham Westgate are two names for one parish; the stations mentioned are about half-a-mile apart; E.

2. **T. minus**, L. Lesser M. R. June, July.

Not common. Dry pastures and hedges. Burnham Westgate. Marham; W. A. Shouldham, Martham; B. G.

3. *T. flavum*, L. Yellow M. R. June, July.

Not common, but plentiful in some places. Wet meadows, banks of rivers and bogs. Burnham Thorpe. Eaton. Surlingham. Belaugh. Hoveton St. John. Horning. Postwick. *Earlham*; W. A.

III. ANEMONE.

1. *A. nemerosa*, L. Wood A. April, May.

Woods and thickets. Framingham Earl. Arminghall. Blickling. Gunton. Cossey. Bunwell. *Wortwell*; B. G. West Harling; Rev. E. H. Gibbon.

2. *A. Pulsatilla*, L. Pasque A. April, May.

Rare. Tulip Hills, Lexham; W. A.

IV. ADONIS. *Pheasant's Eye*.

1. *A.* autumnalis*, L. Common P. E. May—August.

Rare. Cultivated-fields. Docking. Ketteringham. Aldeburgh. Denver; W. A.

V. MYOSURUS. *Mouse-tail*.

1. *M. minimus*, L. Common M. T. April—June.

Rare. Corn-fields, dry and wet pastures. Edgefield Heath. Ormesby, Lakenham, Earsham, Yarmouth, Boughton; B. G. *Stow*; W. A.

VI. RANUNCULUS. *Crowfoot*.

1. *R. heterophyllus*, Fr. Various-leaved C. F. April—June.

Ponds and Ditches. Cradle Hall, Burnham Sutton. Yelverton. Pulham St. Mary the Virgin. Strumpshaw. *Burnham Westgate*; W. A.

2. *R. Drouetii*, F. Schultz? in B. M. May, June.

Ditches near Castle Rising; Mr. Lowe.

3. *R. confusus*, Godr. June—September.

In brackish ditches. Holkham. Ingham. Waxham.

4. *R. fluitans*, Lam. June, July.

Shallow rapid water in the river Thet, Thetford.

5. *R. circinatus*, Sibth. Capillary C. F. May—July.

Brackish ditches, Holkham. In a rapid brook, Crostwick. Intwood. Horsford. Ditches, Caister by Yarmouth. North Walsham. Castle Rising; Mr. Lowe.

6. *R. hederaceus*, L. Ivy-leaved C. F. May—September.

Wet places and ditches. Dersingham. Bircham Newton. Fring. Aylsham. Aldeburgh. Marlingford. Yarmouth. Neateshead. Mundesley. Hoveton St. John. Horning. Acle. Wroxham. Buckenham Ferry. Langley. Thuxton. Smallburgh.

7. *R. Lingua*, L. Great C. F. or Spearwort. June—August.

Somewhat rare. Wet pastures, bogs and sides of pools. Horning. Surlingham. Ludham. Wroxham. Belaugh. Hoveton St. John. Caister by Yarmouth. Filby. Acle; F.B. *Ellingham*, *Broom*; B. G. Scarning Fen, Brundall, Buckenham; Sk. Grimston; J. B. Thirne; Rev. E. K. Blyth.

8. *R. Flammula*, L. Lesser C. F. or Spearwort. June—August.

Not unfrequent in moist meadows, bogs, and sides of streams. Burnham Thorpe. Surlingham. Cantley. Hoveton St. John. Crostwick. Wroxham. Horning. Yarmouth. Filby. Saxlingham. Nethergate. Swardstone. *Burnham Westgate*; W. A. Thirne; Rev. E. K. Blyth. Grimston; J. B.

9. **R. Ficaria**, L. Figwort or Lesser Celandine. April, May.

Shady woods and meadows. Very common. Stanhoe. Crostwick. *Burnham Westgate*; W. A.

10. **R. sceleratus**, L. Celery-leaved C. F. April—August.

Shallow waters and sides of muddy ditches. Crostwick. Besthorpe. Scottow. Forngett. Hoveton St. John. Horning. Reedham. *Burnham Westgate*; W. A.

11. **R. auricomus**, L. Wood C. F. or Goldilocks. April,—June.

Not very common. In woods and shady hedges on a clayey soil. Godwick. Litcham. Arminghall. Raynham. Bunwell. Little Melton.

12. **R. acris**, L. Meadow C. F. or Butter Cups. June, July.

Very common in meadows and pastures. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

13. **R. repens**, L. Creeping C. F. June, July.

Common in moist meadows. Crostwick. Sedgeford. *Burnham Westgate*; W. A.

14. **R. bulbosus**, L. Bulbous C. F. May, June.

Meadows and pastures. Very common. Crostwick. • Stanhoe. *Burnham Westgate*; W. A.

15. **R. hirsutus**, Curt. Hairy C. F. June—October.

Not generally distributed. Moist clayey soils. Garveston. Shelton. Little Dunham. *Stow*; W. A. *Hedenham*; B. G.

16. **R. parviflorus**, L. Small-flowered C. F. May—August.

Not general, but frequent about Stanhoe. Docking.

Brancaster Burnham Westgate. Great Bircham. North Creake. Holme next the Sea. and Wells. Lammas. Ormesby. Hemsby. Norwich; F. B. Little Ormesby Church-yard; Sk.

17. *R. arvensis*, L. Corn C. F. June, July.

Not uncommon in corn-fields. Stanhoe. Docking. Calthorpe. Brampton. Irpingham. Irstead. Crostwick. Stow; W. A. East Dereham; Sk. Walsoken; J. B.

VII. *CALTHA. Marsh Marigold.*

1. *C. palustris*, L. Common M. G. March—June.

Frequent in moist meadows and on banks of rivers. Crostwick. Postwick. *Burnham Westgate*; W. A.

VIII. *HELLEBORUS. Hellebore.*

1. *H. viridis*, L. Green H. March, April.

Rare. In woods. Little Barwick. Guestwick; Sk.

2. *H. foetidus*, L. Foetid H. March, April.

Rare. Meadows, shady places, and hedges. Stiffkey. Blakeney. Castleacre; F. B. and B. G. *Bath Hills Ditch-ingham*; B. G.

IX. *AQUILEGIA. Columbine.*

1. *A. vulgaris*, L. Common C. May—July.

Woods and boggy places. Little Barwick. Growing plentifully in a wet bog at Reepham, amongst *Osmunda* and *Athyrium Filix-fœmina*, where it was pointed out to me by the Rev. Wm. Blyth. *Hedenham*; B. G. Yelverton; Miss Bawtree. Grimston; J. B.

X. *DELPHINIUM. Larkspur.*

1. *D. Consolida*, L. Field L. June—September.

Rare. Fields, banks, and waste places. Burnham Norton.

Docking. Great Bircham. Oxburgh. *Burnham Westgate*;
W. A. Feltwell, Ditchingham, Earsham; B. G.

XI. ACONITUM. *Monk's Hood or Wolf's Bane.*

1. **A.† Napellus**, L. Common M. H. or W. B. May
—July.

Rare. Banks of a streamlet, Inglesthorpe.

ORDER II.—BERBERIDACEÆ,

I. BERBERIS. *Barberry.*

1. **B. vulgaris**, L. Common B. May, June.

In hedges. Snettisham. Swardeston. East Harling.
Burnham Thorpe; W. A.

ORDER III.—NYMPHÆACEÆ.

I. NYMPHÆA. *White Water Lily.*

1. **N. alba**, L. Common W. W. L. July.

Abundant in some rivers, lakes, and dikes. Rockland.
Surlingham. Eaton. Heigham by Norwich. Horning. Ing-
ham. Acle. Westwick. Fakenham. Cossey. Brundall.
Stow; W. A. In marshy ditches, Whitlingham; Sk.

II. NUPHAR. *Yellow Water Lily.*

N. lutea, Sm. Common Y. W. L. June, July.

More common than the preceding plant, and in similar
situations. Coltishall. Horning. Brundall. Hardingham.
Horstead. Ingham. Cantley. Eaton. Cringleford. Faken-
ham. Cossey. *Earlham*; W. A. Setche; J. B.

ORDER IV.—PAPAVERACEÆ.

I. PAPAVER. *Poppy*.

1. **P. Argemone**, L. Long-rough-headed P. June, July.
 Corn-fields and hedge-banks on light soils. Not frequent.
 Stanhoe. Docking. Brancaster. North Creak. Drayton.
 Swannington. Helledon. Thetford. Grimstone. *Burnham*
Westgate; W. A. *Earsham, Broome*; B. G.

2. **P. hybridum**, L. Round-rough-headed P. May
 —July.

Rather rare; chiefly occurring in fields in the light soils
 of the north-eastern portion of the county. Stanhoe. Docking.
 Brancaster. Ringstead. Hunstanton. Burnham Deepdale.
 Burnham Norton. Burnham Overy. Waxham. *Burnham*
Westgate; W. A. Norwich; F. B. Barton Bendish; B. G.

3. **P. dubium**, L. Long-smooth-headed P. June, July.
 Fields and way-sides not uncommon. Stanhoe. Great
 Bircham. Sandringham. Crostwick. Drayton. Postwick
 Thetford. Swafeld. Aylsham. *Burnham Westgate*; W. A.

4. **P. Rhœas**, L. Common Corn or Red P. June
 —August.

Most abundant in corn-fields in the north-eastern parts of
 the County; less so in the other districts. Stanhoe. Crost-
 wick. *Burnham Westgate*; W. A.

5. **P.* somniferum**, L. White P. June, July.
 In Marshes at Burnham Deepdale. Corn-fields about
 Docking. Hockwold-cum-Wilton; B. G.

II. GLAUCIUM. *Horned Poppy*.

1. **G. luteum**, L. Yellow H. P. June—Sept.
 Rare. On the coast at Hunstanton. Sparingly on the
 coast at Brancaster; Miss Trimmer.

2. **G. phœniceum**, Gært. Scarlet H. P. July—August.
 "Sandy fields." Mr. Benjamin Stillingfleet, who resided
 at Stratton Strawless in 1755.

III. ROEMERIA.

1. **R. hybrida**, D. C. Erect-podded R. May, June.
 "About four miles from Aylsham towards Cromer;" B. G.

IV. CHELIDONIUM. *Celandine*.

1. **C. majus**, L. Greater C. May—August.
 Not unfrequent in hedges and shady waste places. Stanhoe.
 Norwich. Postwick. Cossey. Crostwick. Witton. Swan-
 nington. Smallburgh. Sprowston. Forncett. Taverham.
Burnham Westgate; W. A. Walsoken; J. B.

ORDER V.—FUMARIACEÆ.

I. FUMARIA. *Fumitory*.

1. **F. officinalis**, L. Common F. May—September.
 Fields and road-sides. Common. Stanhoe. Crostwick.
Burnham Westgate; W. A.
2. **F. capreolata**, E. Rampant F. May—September.
 Not uncommon in hedges and fields. Stanhoe. Crostwick.
 Strumpshaw. Postwick. Kenninghall. Wymondham.
 Langley. Aldeby. Burnham Overy.

II. CORYDALIS.

1. **C.* lutea**, D. C. Yellow C. May—August.
 On old walls. Thetford. Trowse. Lammas. *Walls about*
Norwich; F. B.

2. **C. claviculata**, D. C. White climbing F. June—September.

Scarce. Hedge-banks in the “Long Loke” leading from Pockthorpe to Mousehold heath. Telegraph Lane, Bishopthorpe. *Cossey*; W. A.

ORDER VI.—CRUCIFERÆ.

I. CHEIRANTHUS. *The Wallflower.*

1. **C. Cheiri**, L. Common W. April—June.

Old walls. Walsingham. Houghton in the Dale. North Creake Abbey. Westacre Priory. Yarmouth. Norwich. Thetford. If this plant be, as considered by some Botanists, of foreign origin, it must have been introduced at a remote period; for Gerarde in 1597 describes it as “growing upon brick and stone walls, in the corners of Churches everywhere, as also among rubbish and other stoney places.”

II. BARBAREA. *Winter Cress.*

1. **B. vulgaris**, Br. Common W. C. or Yellow Rocket. May—August.

Common on walls, dry banks, in moist places and beside still and running waters. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

III. TURBITIS. *Tower Mustard.*

1. **T. glabra**, L. Smooth T. M. June—August.

Somewhat rare. Hedge-banks and road-sides. Crostwick. Beeston by Norwich. Sprowston. Rackheath. Spixworth. Wroxham. Coltishall. Salhouse. Drayton. Northrepps. Postwick. Blofield. Burnham Thorpe. *Burnham Westgate*; W. A. *Lower Sherringham*, Wortwell; B. G.

IV. ARABIS. *Rock Cress.*

1. **A. hirsuta**, Br. Hairy R. C. June—August.

On walls and banks. Not frequent. Stanhoe. Crostwick. Great Bircham. Walsingham. Thetford. North Walsham. Happisburgh. Swafield. Felmingham. Aylsham. Easton. Wreningham. *Burnham Westgate*, Brandon, Weeting; W. A. Barton Bendish; B. G.

V. NASTURTIUM. *Water Cress.*

1. **N. officinalis**, Br. Common W. C. May—October.

Common in brooks, ditches and springs on the coast. Crostwick. At a spring's rise in salt marshes Brancaster. Mundesley. Brundall. Cossey. *Burnham Overy*; W. A.

2. **N. sylvestre**, Br. Creeping W. C. June—September.

Moist places and sides of rivers. Not common. Marlingford. Godwick. *On Kirby Common*, Earsham Common; B. G.

3. **N. palustre**, D. C. Marsh W. C. June—September.

Moist Places. Hoveton St. John. Langley. Heigham; Sk.

4. **N. amphibium**, Br. Great W. C. or Rocket. June—September.

In moist places. Burnham Thorpe. Burnham Overy. Crostwick. Bishopsthorpe. Flordon; Sk.

VI. CARDAMINE. *Bitter Cress.*

1. **C. pratensis**, L. Meadow B. C. or Cuckoo-Flower. April—June.

Common in moist meadows. Crostwick. Postwick. Where opposite Surlingham Ferry, through several acres, the prevailing form of the plant is with double flowers. *Burnham Westgate*; W. A.

2. **C. amara**, L. Large Bitter C. April—June.

Not common. Banks of rivers, boggy places, and moist meadows Heigham by Norwich. Crostwick. Buckenham Ferry. Postwick Brundall. Cantley. Titchwell. Stoke Holy Cross. Horning. Burgh by Aylsham. Potter Heigham. Horning. Norwich; Sk. Buxton, Aylsham, Coltishall; B. G.

3. **C. hirsuta**, L. Hairy B. C. April.

Common on dry banks and in moist shady places. Crostwick. Rackheath. Norwich. Stanhoe. Great Bircham. *Burnham Westgate*; W. A. *Earsham*; B. G.

VII. SISYMBRIUM. *Hedge Mustard*.

1. **S. officinale**, Scop. Common H. M. June—August.

Road-sides and waste places. Common. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **S. Sophia**, L. Fine-leaved H. M. or Flixweed. June—August.

Waste places. Not uncommon. Happisburgh. Crostwick. Stanhoe. Great Bircham. Heigham by Norwich. Earlham. Blickling. Neatishead. Irstead. Thetford. East Harling. Taverham. Drayton. East Walton. Mundesley. *Burnham Westgate*; W. A.

3. **S. thalianum**, Hook. Common or Thale C. May—July.

Common on walls and dry banks. Crostwick. Stanhoe. Burnham Westgate. Norwich. Thetford. *Brancaster*; W. A.

VIII. HESPERIS. *Dame's Violet*.

1. **H.† matronalis**, L. Common D. V. May—July.

Rare. By the River side on Fakenham common. Road-side Stoke Holy Cross. *Dersingham*; W. A.

IX. MALCONIA. *Virginia Stock.*

- [1. **M. maritima**, R. Br. Common V. G. August.

On the South Denes, Yarmouth. Between where the Whale-bones stood and Nelson's Monument, growing amongst *Trifolium subterraneum* and *T. suffocatum*.]

X. ALLIARIA. *Garlic Mustard or Jack-by-the-hedge.*

1. **A. officinalis**, D. C. Common G. M. May, June.

Hedge-banks and waste places. Very common. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XI. ERYSIMUM. *Treacle Mustard.*

1. **E. cheiranthoides**, L. Wormseed T. M. June—August.

Waste places and cultivated ground. Not unfrequent. Burnham Westgate. North Creak. Stanhoe. Godwick. Crostwick. Cossey. Lammas. Postwick. Aylsham. Loddon. Buxton. Sprowston. *Frequent about Norwich*; F. B. Yaxham; Rev. E. K. Blyth.

XII. BRASSICA. *Naveau. Turnip. Rape.*

1. **B. campestris**, L. Wild N. June, July.

Borders of dry gravelly corn-fields. Stanhoe. Barmer. East Harling.

2. **B. Rapa**, L. Common T. April.

Borders of corn-fields and waste places. *Burnham Westgate*; W. A.

3. **B. Napus**, L. Rape. May, June.

On banks and in corn-fields. Stanhoe. Strumpshaw. Shottisham. Blofield. Scottow.

XIII. SINAPIS. *Mustard.*

1. *S. arvensis*, L. Wild M., or Charlock. May—August.

Corn-fields. Far less abundant than *Papaver Rhœas* amongst crops. Stanhoe. Crostwick. Narford. Mundesley, Harling-road. Fersfield. *Brancaaster*; W. A.

2. *S. alba*, L. White M. June, July.

Corn-fields and way-sides. Stanhoe. Cossey. East Harling. Kenninghall. *Burnham Overy*; W. A.

3. *S. nigra*, Black M. June—August.

Under a wet bushy place, Burnham Thorpe. *Wells*; W. A.

XIV. DIPLTAXIS. *Wall and Sand Mustard.*

1. *D. tenuifolia*, D C. Fine-leaved W. M. June—October.

On old walls and waste ground. Rare. On the Church and in the Churchyard, and on old walls, Yarmouth. On waste ground near Wroxham bridge.

2. *D. muralis*, D C. Sand M. June—September.

Sandy waste ground near the Old Barracks, Yarmouth. On the border of a cultivated field, Catton. Growing as a weed in gardens about Thetford,

XV. COCHLEARIA. *Scurvy-Grass.*

1. *C. officinalis*, L. Common S. G. May—August.

Muddy places by the sea-shore. Burnham Overy. Heacham. Runham. Wells. Thornham. *Brancaaster*; W. A. Yarmouth, Stokesby; B. G. Burnham Deepdale; Rev. E. K. Blyth.

2. *C. danica*, L. Ivy-leaved S. G. May—August.
Muddy shore, Heacham. *Wells*; W. A. Burnham Deepdale; Rev. E. K. Blyth.

XVI. ARMORACIA. *Horse Radish*

1. *A. rusticana*, Rupp. Common H. R. May—August.
Banks of the river Yar at Bishopsthorpe and Whitlingham.
On the banks of the lane leading from Blofield to the Station at Brundall.

XVII. CAMELINA. *Gold-of-Pleasure*.

1. *C.* sativa*, Crantz, Common G. June, July.
Corn-fields and waste places. Stanhoe. Great Bircham. North Creake. The Friar's Lane, Burnham Norton. Crostwick. Little Plumstead. Postwick. East Harling. Burnham Westgate. Heydon; W. A. Near Norwich; F. B.

XVIII. ALYSSUM.

- 1.† *A. calycinum*, L. Small A. April.
In several clover lays at Spratt's Green, Aylsham, in 1857, and 1859. On the bank of Middle Level Drain; Mr. Lowe.

XIX. KONIGA.

1. *K.* maritima*, R. Br. Sweet or Sea-side K. August, September.
On the Cliffs not far from the Light-house near Cromer, in the year 1837.

XX. DRABA. *Willow-Grass*.

1. *D. verna*, L. Common W. G. March—May.
On dry banks and walls. Common. Crostwick. Stanhoe. Burnham Westgate; W. A.

2. *D. muralis*, L. Wall W. G. April, May.
Rare. Waste ground, Gaywood; Mr. Lowe.

XXI. *THLASPI*. *Penny-Cress*.

1. *T. arvense*, L. Common P. C. or Mithredate Mustard. May—July

Borders of fields, and waste places in a muddy soil. Not frequent. Syderstone. Aylsham. Reepham. Norwich; F. B. *Wortwell*, Caister by Yarmouth; B. G.

XXII. *TEESDALIA*.

1. *T. nudicaulis*, Br. Naked-stalked T. May—July.

Gravelly heaths and waste places. Stanhoe. Great Bircham. Barmer. Coxford Heath. Docking. Syderstone. Burnham Westgate. Burnham Norton. Crostwick. Swanington. *Guist*; W. A. Norwich; F. B. Yarmouth Denes. *Gressinghall*; B. G.

XXIII. *LEPIDIUM*. *Pepper-Wort*.

1. *L. latifolium*, L. Broad-leaved P. W. June—August.

Rare. Moist places near the coast, and on old walls. Upper Sherringham. *Old walls by the entrance of Cley from Holt; and on walls on Tombland, Norwich, north of the Erpingham Gate, now quite naturalized, if not a native*; B. G. The Editor gathered specimens from the last named station in 1830, but the wall has been built upon and the plant has disappeared.

2. *L. ruderale*, L. Narrow-leaved P. W., or Dittander. May—September.

Salt marshes and waste places on the coast. Thornham. Brancaster. Burnham Overy. Mundesley. West Walton.

Holkham. Yarmouth. *Burnham Norton*; W. A. Wells, Cley, Lynn; B. G. .

3. *L. campestre*, Br. Field P. W. May—August.

Borders of corn-fields and dry gravelly places. Not frequent. North Creake. Syderstone. Winterton. Hemsby. North Walsham. *Burnham Westgate*; W. A.

4. *L. Smithii*, Hook. Smith's P. W. June—August.

Rare. Hedge-banks. Plentifully on a hedge-bank adjoining the Rectory Garden, Crostwick. Coxford. Godwick. North Walsham. Witton. Horstead.

XXIV. CAPSELLA. *Shepherd's Purse*.

1. *C. Bursa-pastoris*, D C. Common S. P. March—September.

Common on dry banks, cultivated and waste grounds, and on walls. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXV. SENEBIERA. *Wort or Swine's-Cress*.

1. *S. coronopus*, Poir. Common W. or S. Cress. June—September.

Corn-fields and waste places. Not unfrequent. Stanhoe. Brancaster. Mundesley. Overstrand. Felmingham. Heigham by Norwich. Postwick. St. Faith's Lane, Norwich. *Burnham Westgate*; W. A.

XXVI. ISATIS. *Woad*.

1. *I. tinctoria*, L. Dyer's W. June, July.

Rare. Corn-fields and borders of fields. Barton-Bendish; W. A. and B. G.

XXVII. CAKILE. *Sea-Rocket.*

1. *C. maritima*, Scop. Purple S. R. June—October.
On the coast frequent. Brancaster. Burnham Overy.
Holkham. Wells. Mundesley. Palling. Yarmouth.
Burnham Norton; W. A.

XXVIII. CRAMBE. *Kale.*

1. *C. maritima*, L. Sea K. May, June.
Rare. Sandy sea-shore. Mundesley; W. A.

XXIX. RHAPHANUS. *Radish.*

1. *R. Raphanistrum*, L. Wild R. or Jointed Charlock.
June—September.
Frequent in corn-fields. Crostwick. Stanhoe. Blofield.
Yelverton. Thuxton. Fersfield.
2. *R. maritima*, L. Sea R. June, July.
On the debris of the cliffs, Mundesley. *Cromer*; W. A.

ORDER. VII.—RESEDACEÆ

I. RESEDA. *Weld or Mignonette.*

1. *R. Luteola*, L. Dyer's W. June—August.
Waste places, walls, and fields. Crostwick. Stanhoe.
Hellesdon. Winterton. Lollard's Hole, Bishopsthorpe. City
Walls, Norwich. Irstead. Cromer. Stalham. Happisburgh.
Swafeld. Hellesdon. *Burnham Westgate*; W. A.
2. *R. lutea*, L. Base W. or Wild Mignonette. June
—August.

Waste places, banks, and borders of fields. Crostwick. Stanhoe. Drayton. Taverham. Ringstead. Hellesdon. Thetford. East Harling. Swaffham. East Walton. *Burnham Westgate*; W. A.

ORDER VIII. CISTACEÆ.

I. HELIANTHEMUM. *Rock-Rose*.

1. *H. vulgare*, Gært. Common R. R. June—September.

Open, dry, gravelly, and chalky places. Rare. East Walton. Ringstead. Eaton. *Burnham Westgate*, Swaffham; W. A. Gayton; J. B.

ORDER IX. VIOLACEÆ.

I. VIOLA. *Violet*.

1. *V. palustris*, L. Marsh V. May—July.

Moist meadows and marshy ground. Rare. Burnham Norton. Westwick. *Burnham Westgate*; W. A. Horning; Rev. J. L. Brown.

2. *V. odorata*, L. Sweet V. February—May.

Woods, hedges, banks, and dry pastures. Frequent. Crostwick. Stanhoe. With Devonshire-clay-colored flowers at Burnham Norton and Ketteringham. *Burnham Westgate*; W. A.

3. *V. hirta*, L. Hairy V. April, May.

Chalky and sandy places. Rare. Ringstead. Marham; F. B. Wood at Boughton; B. G.

4. *V. canina*, L. Dog V. March—August.

Frequent on banks, in woods and dry pastures. Crostwick. Stanhoe. Plentifully with white flowers at Harpley. *Burnham Westgate*; W. A.

5. *V. sylvatica*, Fr. Long-spurred D. V. March—June.

Not unfrequent in woods, thickets, and shady places. Gallow Hill, Burnham Westgate. Cossey. Gunton. Ketteringham. Arminghall. Blickling. Oulton. Wolverton.

Var. *flavicornis*, Forst. Dry pastures, and sandy places near the coast. Drayton. The North Denes, Yarmouth. Burnham Overy. Holkham. Palling. *Broomeheath*; B.G.

6. *V. tricolor*, L. Heart's Ease or Pansy V. April—October.

Corn-fields, banks, and pastures. Common. Crostwick. *Burnham Westgate*; W. A. Sherringham; Sk.

ORDER X.—DROSERACEÆ.

I. DROSERA. *Sundew.*

1. *D. rotundifolia*, L. Round-leaved S. July—August.

Not unfrequent on bogs and wet heaths. Dersingham. Stratton-Strawless. Swannington. St. Faith's, Newton. Witton. Horsford. Old Buckenham. Horning. *Fincham*; W. A. Mintling; Rev. J. Freeman. Grimston; J. B.

2. *D. intermedia*, Hayn. Oblong-leaved S. July—August.

Somewhat less frequent than the preceeding species and in similar situations. Dersingham. Horsford. Old Buckenham. Honingham. Swannington. Stratton-Strawless. Potter-Heigham. *Fincham*; W. A. *Ellingham*, St. Faith's Newton, Castle-Rising, Wootton, Shouldham; B. G. Grimston; J. B.

3. *D. anglica*, Huds. Great S. July, August.

Somewhat rare. Bogs and wet heaths. Dersingham. Swannington. Stratton Strawless. Horsford. Scarning. Horning. *South Walsham*, Royden Fen; W. A. Felthorpe; F. B. Shouldham, Crostwick; B. G. Grimston; F. B.

II. PARNASSIA. *Grass of Parnassus*.1. *P. palustris*, L. Marsh G. P. August—October.

Not very frequent. Wet meadows, marshy and boggy ground. Crostwick. Dersingham. Horning. Swardeston. Buckenham Ferry. Brundall. Horsford. Stratton-Strawless. *Keswick*; W. A. Ashwicken; Rev. J. Freeman. Yaxham; Rev. E. K. Blyth.

ORDER XI. POLYGACEÆ.

1. POLYGALA. *Milkwort*.1. *P. vulgaris*, L. Common M. May—September.

Frequent on dry heaths, pastures, and peaty bogs. Crostwick. Great Bircham. Mousehold heath. Westwick. Witton. Horsford. Cawston. Lessingham. *Burnham Westgate*; W. A.

ORDER XII. FRANKENIACEÆ.

I. FRANKENIA. *Sea-Heath*.1. *F. lævis*, L. Smooth S. H. July, August.

Salt marshes. Rare. Titchwell. Brancaster. Burnham Norton. *Between Burnham Norton and Burnham Overy*; W. A. Yarmouth, Cley; B. G. Breydon; Sk.

ORDER XIII. CARYOPHYLLACEÆ.

1. DIANTHUS. *Pink.*1. *D. prolifer*, L. Proliferous P. July.

Rare. Sandy soil near an old barn in the bridle-road leading from Stanhoe over Docking Common to Bircham Newton. In a close, near Hellesdon Old Hall, about half-a-mile out of St. Augustin's Gates, Norwich; B. G. In the borders of a field opposite the mill out of St. Austin's Gates, Norwich; F. B. *Fincham*; W. A.

2. *D. armeria*, L. Deptford P. July, August.

Gravelly places. *Fincham*, "Norfolk, frequent;" W. A. I have never met with it; E. Ditchingham; B. G.

3. *D. deltoides*, L. Maiden P. June—October.

Sandy and gravelly places. Somewhat rare. Burnham Norton. Blakeney. Cley. *Burnham Westgate*; W. A. Swaffham heath; B. G.

II. SAPONARIA. *Soapwort.*1. *S. officinalis*, L. Common S. July, August

Hedges near Towns and Villages. Walsingham. Norwich. Earlham. Heigham by Norwich. Palling. Lower Sheringham; B. G. About Cossey; Sk. Runcton; Rev. E. K. Blyth.

III. SILENE. *Catchfly.*1. *S. inflata*, Sm. Bladder C. June—August.

Fields and road-sides. Common. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

Var. *hirsuta*, Earsham ; B. G.

2. ***S. maritima*, With. Sea-side C. April—November.**

Sandy places on the coast. Brancaster. Burnham Overy. Burnham Norton. Palling. Blakeney. Cley ; F. B. Wells ; W. A.

***S. otites*, Sm. Spanish C. June—August.**

Gravelly and sandy pastures. Cranwich. Near Swaffham and Narborough ; W. A. and Sk. Barton-Bendish ; B. G. Thetford ; Rev. W. S. Hore.

4. ***S. anglica*, L. English C. June—August.**

Corn-fields and waste places. Not frequent. Stanhoe. North Creak. Great Bircham. Brancaster. Docking. Burnham Westgate. Haynford. *Cossey*, Lakenham ; W. A. *Horsford St. Faith's, Felthorpe* ; F. B. Cromer, Sherringham ; B. G. South Acre ; Sk. Walsoken, Grimston ; J. B.

5. ***S. noctiflora*, L. Night-flowering C. July, August.**

Not frequent. Corn-fields. Stanhoe. North Creak. Docking. Brancaster. Overstrand. Mundesley. Mautby. *Burnham Westgate*, Norwich ; W. A. *Wood Bastwick* ; F. B. *Earsham* ; B. G.

6. ***S. conica*, L. Striated C. May—July.**

Rare. In sandy fields at Narborough and Sherringham ; Sk. Near Lynn ; Mr. T. Pung.

IV. LYCHNIS. *Campion.*

1. ***L. Flos-cuculi*, L. Meadow C. or Ragged Robin.**
May, June.

Moist meadows and pastures. Common. Crostwick. Taverham. *Burnham Westgate* ; W. A.

2. *L. vespertina*, Sibth. White C. June—October

Common in meadows, pastures, fallow fields, and on hedge-banks. Crostwick Church-yard. Stanhoe. *Burnham Westgate*; W. A. In the last two and some adjoining parishes *L. diurna* is a rarity.

3. *L. diurna*, Sibth. Red-flowered C. May—July.

Common in loamy districts where the preceeding species is rarely met with. Godwick. Aylsham. Happisburgh. Mileham. Crostwick. Brundall. Postwick.

L. Githago, Lam. Corn Cockle or Corn Rose. June—August.

Frequent in corn-fields. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

V. *SAGINA*. *Pearl Wort*.1. *S. procumbens*, L. Trailing P. W. May—September.

Frequent on garden-walks, walls, sandy ground and boggy places. Crostwick. Stanhoe. *Burnham Westgate*.

2. *S. apetala*, L. Small-flowered P. W. May—September.

Frequent on walls and gravelly places. St. George Tombland Church-yard, Norwich. Crostwick. Stanhoe. *Docking*; W. A.

3. *S. maritima*, Don. Sea P. W. May—September.

Not unfrequent on the coast. Brancaster. *Burnham Norton*. *Burnham Overy*. *Holkham*. *Wells*. *Siderstrand*. *Waxham*. *Blakeney*.

4. *S. subulata*, Wimm. Awl-shaped P. W. June—August.

In dry pastures in a sandy or gravelly soil. Not uncommon. Stanhoe. Great Bircham. Dersingham. Drayton. Crostwick. Hampton-Green.

5. *S. nodosa*, E. Meyer. Knotted P. W. or Spurrey. July, August.

Not frequent. Sandy and marshy places and sides of rivers. Crostwick. Stanhoe. Sandringham. Dersingham. Fakenham. *Brancaster*; W. A. *Broom Fen*; B. G.

VI. HONCKENYA. *Sea Purslane*.

H. peploides, Ehch. Ovate-leaved S. P. May—September.

Frequent on sea-shores and sandy salt marshes. Titchwell. Brancaster. Siderstrand. Holkham. Burnham Overy. Mundesley. Yarmouth. *Burnham Norton*; W. A.

VII. ARENARIA. *Sandwort*.

A. serpyllifolia, L. Thyme-leaved S. May—August.

Common on walls and dry places. Crostwick. Stanhoe. Thetford. North Walsham. *Burnham Westgate*; W. A.

VIII. ALSINE.

A. tenuifolia, Wahl. Fine-leaved A. May, June.

Sandy and chalky pastures and corn-fields. Not frequent. Stanhoe. Docking. Great Bircham. *Burnham Westgate*, Cley; W. A. Oxburgh; F. B.

IX. MÆHRINGIA.

1. *M. trinervis*, Clairv. Three-nerved leaved M. May—August.

Not unfrequent in damp shady hedge-banks, and woods.

Crosthew Church-yard. Stanhoe. Flordon. Swainsthorpe. Little Melton. Arminghall. Hanworth. Blickling. Burnham Westgate, *Stow*; W. A. Broome; B. G.

X. HOLOSTEUM.

1. *H. umbellatum*, L. Umbelliferous Chickweed. March—April.

Rare. Old walls, thatched roofs, and banks. St. Faith's Lane, Norwich. In 1859 the wall on which it grew in that Lane was scraped and re-pointed and since that date I have not observed a single plant; E. "Found in great plenty on the City walls of Norwich, and many other old walls in that City, and on some banks and walls in the neighbourhood. First noticed and examined by Mr. John Pitchford in Spring, 1763." Rose's Appendix to Elements of Botany, p. 447.

XI. MÆNCHIA.

1. *M. erecta*, Sm. Upright M. April—June.

Rare. Gravelly heaths. Mousehold heath. Syderstone. Coxford heath. Docking Common. *Docking*; W. A. But I think noted down as growing in that parish on my authority only, from specimens received from me; E.

XII. MALACHIUM. *Marsh Mouse-Ear or Water Chick-Weed.*

1. *M. aquaticum*, Fr. Common Marsh M. E. July August.

Not frequent. Watery places, banks of rivers, and shady bushes in moist situations. Burnham Norton. Hartford-bridge. Shottisham. Titchwell. *Burnham Westgate*; W. A. Earsham; B. G.

XIII. STELLARIA. *Stitch-Wort.*

1. **S. media**, With. Common S. W., or Chick-Weed.
March—October.

Common everywhere. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **S. Holostea**, L. Greater S. W. April—June.

Frequent. Skirts of woods and hedges. Crostwick. Stanhoe. Brisley. Godwick. Kimberley. *Hethersett*; W. A. Bawsey; J. B.

3. **S. Glauca**, With. Glauous-leaved S. W. May—July.

Not common. Wet and marshy places. Horsford. Horning. Whitwell. Wroxham. Potter Heigham. Hickling. Broome Fen. Acle-Dam; B. G. St. Faith's; Sk. Thirne; Rev. E. K. Blyth.

4. **S. Graminea**, L. Lesser S. W. May—August.

Hedge-banks and bushy places. Frequent. Drayton. Aylsham. Aldeby. Godwick. Inglethorpe. Earlham. Lessingham. Bawsey; J. B.

5. **S. uliginosa**, Murr. Bog S. W. May, June.

By springs, ditches, rivers, and boggy places. Crostwick. Hoveton St. John. Surlingham. Bunwell. Fornett. Swainsthorpe. Little Melton. Burnham Norton. Buckenham Ferry. Shipdham; Sk.

XIV. CERASTIUM. *Mouse-Ear.*

1. **C. vulgatum**, Sm. Broad-leaved M. E. March—September.

Common on walls, dry banks, moist meadows, pastures, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. *C. viscosum*, Sm. Narrow-viscid-leaved M. E. April—October.

Common on walls, dry banks, pastures, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3 *C. semidecandrum*, L. Little M. E. April, May.

Common on walls and dry waste places. Crostwick. Stanhoe. Burnham Westgate. Norwich. Yarmouth. Thetford.

4. *C. tetandrum*, Curt. Four-Stamened M. E. May, June.

Plentifully at Palling. Eccles by the Sea. And on the South Denes, Yarmouth. W. A. and B. G. had previously recorded this last station; E. Bawsey Common; Mr. Lowe.

5. *C. arvense*, L. Field M. E. April—August.

Not common. Corn-fields, dry pastures and banks. In the Church-yard Burnham Overy. Burnham Thorpe. Burnham Sutton. *Burnham Westgate*, near Norwich; W. A.

ORDER XIV. MALVACEÆ.

I. MALVA. *Mallow*.

1. *M. sylvestris*, L. Common M. June—September.

Common by road-sides and in waste places. Crostwick. Stanhoe. With white flowers at Rackheath. *Burnham Westgate*; W. A.

2. *M. rotundifolia*, L. Dwarf M. June—October.

Common by road-sides and in waste places, but somewhat less so than the preceeding species. Crostwick. Stanhoe. Burnham Westgate. With white flowers at Postwick.

3. **M. moschata**, L. Musk M. July, August.

Somewhat rare. Meadows, pastures, and hedgebanks in a gravelly soil. Crostwick. Spixworth. Beeston by Norwich. Rackheath. Sprowston. Colby. Suffield. Burnham Deepdale. About Oxnead; Sk.

II. ALTHÆA. *Marsh-Mallow.*

1. **A. officinalis**, L. Common M. M. August—September.

Marshes, chiefly near the coast. Titchwell. Brancaster. Burnham Deepdale. Burnham Norton. Yarmouth. Runham. Stokesby. Acle. Walsoken; J. B.

ORDER XV. TILIACEÆ.

I. TILIA. *Lime.*

1. **T.* europæa**, L. Common L. July.

Occasionally in old woods, and in hedges. East Raynham. Godwick. Wolterton. Gunton. Lynn; Mr. Lowe.

ORDER XVI. HYPERICACEÆ.

I. HYPERICUM. *St. John's Wort.*

1. **H.* calycinum**, L. Large-flowered St. J. W. July, August.

Occasionally in plantations. Holkham. Ingleshorpe. In a wood at Heacham; Mr. Lowe.

2. **H. Androsæmum**, L. Tutsan St. J. W. June—August.

Woods and moist hedges. Rare. Witton. Swafield. North Walsham, Cossey, Mautby; W. A., F. B., and B. G. Guestwick; Sk. Between Dersingham and Inglesthorpe; Mr. Lowe

3. *H. quadrangulum*, L. Square-stalked St. J. W. July.

Common in moist pastures, and banks of ditches and rivers. Crostwick Church-yard. Stanhoe. Swanton Abbots. Bintry. Wicklewood. *Burnham Westgate*; W. A.

4. *H. perforatum*, L. Common perforated-leaved St. J. W. July, August.

Frequent in woods, hedge-banks, and thickets. Crostwick. Stanhoe. Westwick. Mileham. Itteringham. East Walton. Beighton. *Burnham Westgate*; W. A. Grimston; J. B.

5. *H. dubium*, Leers. Imperforate St. J. W. July. August.

Somewhat rare. Moist meadows and ditch-banks. Godwick. Litcham. Swannington. Kenninghall. *Stow*; W. A.

6. *H. humifusum*, L. Trailing St. J. W. July, August.

Somewhat unfrequent. Gravelly heaths, banks, fields, and woods. Dersingham. Sandringham. Stanhoe. Crostwick. Drayton. Postwick. Neatishead. Hoveton St. John. Poringland. Knapton. Felthorpe. Blickling. Horsford. Strumpshaw. Swannington. North Walsham. Hanworth. Beighton. Ingham. Mousehold heath; Sk. Near Diss; W. A.

7. *H. hirsutum*, L. Hairy St. J. W. June—August.

Not Common. Woods, thickets, and hedges. Godwick. Mileham. Oveton. Horningtoft. Saxlingham-Nethergate.

8. *H. pulchrum*, L. Small upright St. J. W. June, July.

Not unfrequent. Dry woods, heaths, hedges, and gravelly waste places. Taverham. Drayton. Felthorpe. Blickling. Aldeburgh. Alby. Hoveton St. Peter. Mautby. Dersingham. Easton. Postwick. *Near Norwich* ; W. A. *Hedenham* ; B. G.

9. *H. elodes*, L. Marsh St. J. W. July—October.

Not common. Boggy ground and wet marshes. Horning. Dersingham. Old Buckenham. Horsford. Felthorpe. Stratton-Strawless. Swannington. Hickling-staith. Briston bogs ; Sk. Grimston, Leziat ; J. B.

ORDER XVII. ACERACEÆ.

1. ACER. *Maple*.

1. *A. campestre*, L. Common M. May, June.

Hedges and thickets. Frequent. Crostwick. Stanhoe. Framingham-Pigot. Cossey. *Burnham Westgate* ; W. A.

2. *A.*Pseudo-platanus*, L. Sychamore M. May, June.

Woods and hedges. Mileham. Little Barwick. Gunton. *Burnham Westgate* ; W. A.

ORDER XVIII GERANIACEÆ.

I. GERANIUM. *Crane's-Bill*.

1. *G. sanguineum*, L. Blood C. B. July.

Dry pastures and thickets. Rare. *Fincham* ; W. A.

2. *G. phæum*, L. Dusky C. B. May, June

By the side of the road at Ellingham, but doubtfully wild ; B.G.

3. *G. sylvaticum*, L. Wood C. B. June, July.

Rare. Thickets and shady places. Spixworth; (Mr. Humphrey who met with it there in 1771; E.) Holt Wood in Leziate, Swaffham; B. G.

4. *G. pyrenaicum*, L. Mountain C. B. June, July.

Meadows, pastures, and road-sides. Rare. On a hedge-bank in a lane near the residence of the late Rev. R. B. Francis at East Carleton. Waste places and road sides about Old Lakenham. But introduced there by the late Mr. Crowe.

5. *G. molle*, L. Doves-Foot C. B. April—August.

Common on dry banks, pastures and waste places. Crostwick. Stanhoe. With white flowers at Intwood and Cossey. *Burnham Westgate*; W. A.

6. *G. pusillum*, L. Small-flowered C. B. June—September.

Not quite so common as *G. molle*, and in like situations. Crostwick. Stanhoe. Brancaster. Brampton. Happisburgh. Aylsham. Felmingham. *Burnham Westgate*; W. A.

7. *G. dissectum*, L. Jagged-leaved C. B. May—August.

Not uncommon by road-sides, borders of fields, and ditch-banks. Crostwick. Stanhoe. Little Plumstead. Drayton. Aylsham. Catton. Sprowston. Gayton. *Burnham Westgate*; W. A. Walsoken; J. B.

8. *G. columbinum*, L. Long-stalked C. B. June, July.

Somewhat rare. Dry pastures, corn-fields, and hedge-banks, on gravelly or chalky soils. Stanhoe. Docking. Ringstead. Burnham Thorpe. Kenninghall. *Burnham Westgate*, Heydon, Pulham, Starston; W. A. About Norwich; F. B. About Study Hall; Sk.

9. **G. lucidum**, L. Shining C. B. May—August.

Rare. Hedge-banks, road-sides, and waste places. Plentifully about Edgefield. Sparingly at Newton-Flotman. Lanes about Old Lakenham. But introduced there by the late Mr. Crowe. Waste places about Heigham by Norwich. Where it was introduced by the late Mr. R. Wigham. Earlham; Sk.

10. **G. Robertianum**, L. Herb-Robert C. B. April—September.

Common on hedge-banks, walls, and waste stony places. Crostwick. Stanhoe. With white flowers at Godwick. Ingham. Woodbastwick and Sandringham. *Burnham Westgate*; W. A.

II. **ERODIUM**. *Stork's-Bill*.1. **E. cicutarium**, Sm. Common or Hemlock-leaved S. B. June—September.

Common on waste ground, especially near the sea-shore. Crostwick. Stanhoe. Brancaster. *Burnham Westgate*: W. A.

2. **E. moschatum**, Sm. Musk S. B. June, July.

Rare. In a field near Cromer; B. G.

3. **E. maritimum**, Sm. Sea-coast S. B. May—September.

Sandy and gravelly places near the sea-coast. Rare. Brancaster. Mundesley. Palling.

ORDER XIX. LINACEÆ.

I. **LINUM**. *Flax*.1. **L*. usitatissimum**, L. Common F. July.

Corn-fields and dry pastures. Not frequent. Stanhoe.

Drayton. East Harling. Ringstead. Bintree. Wells; W. A. Cawston; B. G.

2. *L. perenne*, L. Perennial F. June, July.

Rare. Pastures chiefly in a chalky soil. Ringstead. Stiffkey. Walsingham. Marham; W. A. Barton-Bendish, Shouldham; B. G. Mousehold heath; Sk.

3. *L. angustifolium*, Huds. Narrow-leaved F. June—August.

Rare. Dry Meadows and pastures. Great Bircham. Binham. East Walton. Roughton. Walsingham. Gunton; B. G.

4. *L. catharticum*, L. Purge F. June—September.

Common on dry pastures. Crostwick. Stanhoe. Snettisham. East Harling. Loddon. *Burnham Westgate*; W. A.

II. *RADIOLA*. *Flax-Seed, or All-Seed*.

1. *R. millegrana*, Sm. Common F. S. June—August.

Moist sandy waste places and gravelly heaths. Rather scarce. Dersingham. Sandringham. Wolferton. Horningtoft. Brisley. Gressenhall. Marlingford. Saxlingham-Nethergate. Holt.

ORDER XX. OXALIDACEÆ.

I. *OXALIS*. *Wood-Sorrel*.

1. *O. Acetosella*, L. Common W. S. May, June.

Not unfrequent. Woods and shady places. Cossey. Godwick. Bunwell. Besthorpe. Arminghall. Stratton-Strawless. Felthorpe. Blickling. Gunton. Hevingham. Sprowston Wood; Mrs. Arkwright.

ORDER XXI. CELASTRACEÆ.

I. EUONYMUS. *Spindle-Tree*.

1. **E. europæus**, L. Common S. T. May, July.

Not frequent. Woods and hedges. Godwick. Mileham. Foxley. Saxlingham-Nethergate. East Harling. Felthorpe. Hellesdon. Bunwell. Drayton; W. A. Catton; Sk.

ORDER XXII. RHAMNACEÆ.

I. RHAMNUS. *Buckthorn*.

1. **R. catharticus**, L. Common B. May—July.

Not uncommon. Woods, hedges, and thickets. Godwick. Coxford. Mileham. Litcham. Surlingham. Easton. Horstead. *Burnham Westgate*, near Norwich; W. A. Wroxham; B. G. St. Bennet's Road, near Norwich; Sk.

2. **R. Frangula**, L. Alder B. April—June.

Not common. Woods, hedges, and thickets. Godwick. Coxford. Besthorpe. Bunwell. Attleburgh. Wacton. Surlingham. Wormgay; W. A. Woods by Telegraph Lane, Bishopsthorpe; Sk. North Wooton; Mr. Lowe. Grimston; J. B.

ORDER XXIII. LEGUMINOSÆ.

I. ULEX. *Furze, Gorse, or Whin*.

1. **U. europæus**, L. Common F., G., or W. March—August.

Very common on heathy places and sandy banks. Stanhoe. Crostwick. *Burnham Westgate*; W. A.

2. *U. nanus*, Forst. Dwarf F., G., or W. May—November.

Not uncommon on heathes and dry commons. Crostwick. Drayton. Syderstone. Great Bircham. Docking. Holt. Roughton. Mousehold heath.

II. GENISTA. *Green-Weed*.

1. *G. tinctoria*, L. Dyer's G. W. July, August.

Rare. In great abundance on the common at Wacton. *Fincham*; W. A. *Ditchingham*; B. G. Marham chalk-pit; Rev. W. Blyth.

2. *G. anglica*, L. Petty Whin or Needle G. W. May—June.

Not frequent. Moist heaths and peaty moors. Dersingham. Coxford Syderstone. Rudham. Bagthorpe. Edgefield. Cossey. Swannington. Horsford. Stratton-Strawless.

III. SAROTHAMNUS. *Broom*.

1. *S. scoparius*, Wimm. Common B. April—June.

Dry Pastures, heaths, and way sides. Frequent. Yelverton. Happisburgh. Lessingham. Bagthorpe. Beeston St. Lawrence. Reedham. Sprowston. Wymondham. Grimston; J. B.

IV. ONONIS. *Rest-Harrow*.

1. *O. arvensis*, L. Common R. H. June—September.

Not unfrequent. Dry pastures, borders of fields, and waste places, especially near the sea-shore. Crostwick. Fersfield. East Walton. Stanhoe. Gayton Thorpe. Palling. Yarmouth. Brancaster. *Burnham Westgate*; W. A. Grimston; J. B.

V. *MEDICAGO. Medick.*

1. *M.* sativa*, L. Purple M. or Lucerne. June, July.
Meadows and pastures. Stanhoe. Aylsham. *Burnham Westgate*; W. A. Tilney St. Lawrence; Mr. Lowe.

2. *M. falcata*, L. Sick M. June, July.
Hedge-banks in a dry, sandy, or gravelly soil. Hellesdon. Drayton. Taverham. Cossey. Earlham. Eaton. Cromer. Eccles by the Sea. Happisburgh. Norwich; F. B. Ormesby; B. G.

3. *M. lupulina*, L. Black M. or Nonsuch. May—Aug.
Common in dry, gravelly, waste places, pastures, and corn-fields. Crostwick. Stanhoe. Drayton. Thetford. *Burnham Westgate*; W. A.

4. *M. minima*, L. Bur M. May—July.
Rare. Sandy fields. Cranwich. Narburgh; F. B. and Sk.

5. *M. maculata*, Sibth. Spotted M. May—August.
Not common. Gravelly waste places. Brancaster. Great Bircham. Burnham Norton. Holkham. *Burnham Westgate, Wells*; W. A. Burnham Deepdale; Rev. E. K. Blyth.

6. *M. denticulata*, Willd. Denticulate M. April—August.
Rare. On sandy ground near the coast. Mundesley. Trimmingham. Cley; H. B. F. Burnham Deepdale; Rev. E. K. Blyth.

VI. *MELILOTUS. Melilot.*

1. *M. officinalis*. Common M. June—August.
Not common. Corn and clover-fields and meadows. South Creake. Stanhoe. Eaton. Cossey. Beighton. Forncett. Ryburgh. *Burnham Westgate*; W. A.

2. **M. arvensis**, Willd. Small Field M. June, July.
Rare. Waste places. Thetford; Rev. W. S. Hore, and
B. M.

3. **M. Alba**, Lam. White M. July, August.
Rare. Sandy and gravelly waste places. Wymondham.
Hardingham. Garveston. The Dean and Chapter meadows,
Norwich; Miss Eliza Trimmer. Near Lynn; Mr. T. Pung.
Yaxham; Rev. E. K. Blyth.

VII. TRIGONELLA. *Fenugreek.*

1. **T. ornithopodioides**, D C. Bird's-foot F. June, July.
Somewhat Rare. Gravelly pasturage and waste places.
Sandringham. Burnham Norton. Saxlingham Nethergate,
Near Kett's Castle, Norwich. Yarmouth. Poringland.
Cossey. East Harling. Witton. Great Bircham. Mousehold
Heath; B. G. Burnham Deepdale; Rev. E. K. Blyth.

VIII. TRIFOLIUM. *Clover.*

1. **T. ochroleucum**, L. Sulphur-colored C. June—
August.

Gravelly places. Diss, between Brooke and Poringland;
B. G. "Frequent also in the clayey soil of Norfolk;"
H. A. B. F.

2. **T. pratense**, L. Purple C. May—September.
Common in meadows and pastures. Crostwick. Stanhoe.
Burnham Westgate; W. A.

3. **T. medium**, L. Zig-Zag C. May—September.
Not frequent. On light dry and clayey soils. Crostwick.
Stanhoe. North Creak. Burnham Westgate. Hillington.
Gressingham. Fersfield.

4. **T. arvense**, L. Hare's-Foot C. July, August.

In light, dry, and sandy pastures, and waste places. Sandringham. Stanhoe. Drayton. Swannington. Reedham. Yarmouth. Near the Shore, Brancaster. Siderstrand. Spratt's Green, Aylsham. St. Faith's. *Burnham Westgate*; W. A.

5. **T. Striatum**, L. Knotted C. June, July.

Dry meadows and sandy pastures. Not frequent. Cossey. Brancaster. Walsingham. Drayton. Thetford. *Burnham Westgate*; W. A.

6. **T. scabrum**, L. Rough C. May—July.

Not frequent. Sandy and chalky places. Burnham Norton. Overstrand. Trimmingham. Mundesley. Eaton. Cossey. Mousehold heath. Caister by Norwich. *Earlham grove*, Cromer cliffs; F. B. Snettisham beach, chalk pit near Wells; W. A. Harleston; B. G. Burnham Deepdale; Rev. E. K. Blyth.

7. **T. maritimum**, Huds. Teasel-headed C. August.

Rare. Salt Marshes. Blakeney. Salthouse. Burnham Norton; Mr. Charles Trimmer. Burnham Deepdale; Rev. E. K. Blyth. Yarmouth; B. G. and Sk.

8. **T. subterraneum**, L. Subterranean C. May—August.

Not common. Barren heaths, pastures and waste places in a gravelly soil. Crostwick. Burnham Norton. Cossey. Mousehold heath. Drayton. Palling. Yarmouth Denes. Where it grows intermixed with *T. suffocatum*, and previously recorded by W. A., F. B. and B. G.

9. **T. glomeratum**, L. Smooth round-headed C. May, June.

Not Common. Sandy fields and gravelly heaths. Great Bireham. Drayton. Eaton. Mousehold heath. East Harling. About Norwich, near Yarmouth; W. A. and B.G.

10. *T. suffocatum*, L. Suffocated C. June, July.

Rare. Sandy places near the coast. The South Denes, Yarmouth. Where it has been previously recorded as growing, by F. B. and B. G. Burnham Deepdale; Rev. E. K. Blyth. More inland at Broome; Mr. D. Stock, in 1862.

11. *T. repens*, L. White C. April—September.

Common in pastures and meadows. Crostwick. Stanhoe. Burnham Westgate. *Broome heath*; B. G.

12. *T. fragiferum*, L. Strawberry-headed. C. July, August.

Moist meadows, especially near the Sea. Not frequent. Titchwell. Brancaster. Burnham Deepdale. Burnham Norton. Salthouse. Yarmouth. Buckenham Ferry. Swardeston. East Carleton. Cossey. Wendling.

13. *T. procumbens*, L. Hop C. June—August.

Very common. Dry meadows and pastures. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

14. *T. minus*, Sm. Lesser Hop C. June, July.

Frequent in dry meadows and pastures, and by way-sides. Crostwick. Stanhoe. Poringland. East Harling. *Burnham Westgate*; W. A.

15. *T. filiforme*, L. Slender C. June, July.

Somewhat rare. Sandy heaths, and marshes near the sea. Dersingham. Brancaster. Burnham Norton. Roughton. Thetford. *Burnham Westgate*; W. A.

IX. LOTUS. *Bird's-Foot Trefoil.*

1. **L. corniculatus**, L. Common B. F. T. June—August.

Common in meadows and pastures, on heaths and waysides. Crostwick. Stanhoe. *Burnham Westgate*; W. A. Burnham Deepdale; Rev. E. K. Blyth.

2. **L. major**, Scop. Greater B. F. T. July, August.

Not unfrequent. In bushy places and ditches where the soil is damp. Burnham Westgate. Stokesby. Narborough. East Walton. Ingham. Felthorpe. Swannington.

X. ANTHYLLIS. *Lady's Fingers.*

1. **A. Vulneraria**, L. Common L. F. May—August.

Somewhat rare. Chiefly in pastures where the soil is chalky. Stanhoe. On the cliffs, Mundesley. Trimmingham. Burnham Overy. Overstrand. Hillington. *Burnham Westgate*; W. A. Chalk-pit near the Church, Heigham by Norwich; Sk.

XI. ASTRAGULUS. *Milk-Vetch.*

1. **A. hypoglottis**, L. Purple M. V. June, July.

Rare. Sandy and chalky meadows and pastures. Mundford. Swaffham heath, Barton Bendish; B. G.

2. **A. glycyphyllos**, L. Sweet M. V. June—September.

Rare. Thickets in sandy and chalky soils. Royden near Diss, Shouldham; B. G.

XII. ORNITHOPUS. *Bird's-Foot.*

1. **O. perpusillus**, L. Common B. F. June, July.

Not unfrequent on sandy or gravelly banks and heaths,

road-sides, and pastures. Mousehold heath. Cossey. Bishoptorpe. Great Bircham. Docking. Burnham Westgate. Witton. Yarmouth. *Burnham Norton*; W. A.

XIII. HIPPOCREPIS. *Horse-shoe Vetch.*

1. *H. comosa*, L. Common H. V. May—August.

Rare. Meadows and pastures in a chalky soil. *Fincham*, *Swaffham*; W. A. *Ditchingham*; B. G.

XIV. ONOBRUCHIS. *Saintfoin.*

1. *O. sativa*, Lam. Common S. June, July.

Not frequent. Borders of fields, banks, and waste ground on a chalky soil. In a marl-pit in the parsonage glebe, Stanhoe. East Walton. Hillington. Fakenham. Walsingham. Marl-pits at Ringstead. Burnham Overy. *Burnham Westgate*; W. A.

XV. VICIA. *Vetch.*

1. *V. hirsuta*, Koch. Hairy V. June—September.

Not unfrequent. Corn-fields and hedge-banks chiefly on light soils. Crostwick. Stanhoe. Great Bircham. Burnham Westgate. North Creak. Poringland. Burnham Sutton. *Hethersett*; W. A.

2. *V. tetrasperma*, Mœench. Smooth V. June, July.

Corn-fields and hedges. Not unfrequent on the light lands of West Norfolk. Stanhoe. Great Bircham. Burnham Thorpe. North Creak. Docking. Hanworth. Irpingham. *Burnham Westgate*; W. A.

3. *V. cracca*, L. Tufted V. June—August.

Frequent in shady and wet places, hedges, and thickets. Crostwick. Stanhoe. Titchwell. Surlingham bogs. Mautby.

Whitlingham. Gayton Thorpe. Fransham. Gimmingham. Burnham Thorpe. *Burnham Westgate*; W. A.

4. **V. sepium**, L. Bush V. May, June.

Common in woods, hedges, and pastures. Crostwick. Stanhoe. Burnham Westgate. *Hethersett*; W. A.

5. **V. sativa**, L. Common V. May, June.

Corn-fields and dry pastures in a gravelly or sandy soil. Crostwick. Stanhoe. Great Bircham. Drayton. *Burnham Westgate*; W. A.

6. **V. lathyroides**, L. Spring V. April, May.

Not unfrequent. Dry gravelly pastures and waste places. Crostwick. Stanninghall. On the Roman Encampment at Caister next Norwich. Burnham Thorpe. Cawston. Beeston St. Lawrence. Westwick Gressenhall. Witton. *Holkham*; W. A. Ditchingham, Harleston, Lower Sherringham; B. G.

XVI. LATHYRUS. *Vetchling*.

1. **L. Aphaca**, L. Yellow V. May—August.

Rare. Sandy corn-fields and meadows. Brooke; F. B. Ditchingham; B. G.

2. **L. Nissolia**, L. Crimson Grass V. May.

Rare. In a shady plantation at the Hall, Burnham Westgate. Thelveton, near Diss; W. A. Between Harleston and Mendham; B. G. Gaudy Hall; Rev. J. L. Brown.

3. **L. pratensis**, L. Meadow V. July, August.

Common. Moist meadows, pastures, and thickets. Crostwick. Brundall. Fersfield. Runham. Stanhoe. *Burnham Westgate*; W. A.

4. **L. Sylvestris**, L. Everlasting V. July, August.

Rare. Woods and hedges. *Fincham*; W. A. Near Brundall Church; B. G.

5. **L. palustris**. Somewhat rare. Surlingham bogs. Potter Heigham. Hoveton St. John. Buckenham. Strumpshaw. Ranaugh; W. A. *Marshes at Horning*; F. B. Hickling; B. G.

ORDER XXIV. ROSACEÆ.

I. PRUNUS.

1. **P. communis**, Huds. April, May.

P. spinosa, L. Blackthorn or Sloe. Common in hedges, and occasionally on heaths and in woods. Crostwick. Stanhoe. *Burnham Westgate*; W. A. *P. insititia*, L. Wild Bullace. Plentifully in hedges in the green road leading from Hellesdon to Felthorpe. *Burnham Westgate*; W. A. *P. domestica*, L. Plum. In the "East Wood" Little Barwick. In a hedge by the road leading from Caister to Ormsby.

2. **P. Padus**, L. Bird Cherry. May.

Not frequent. Woods and hedges. Crostwick. Stanninghall. Docking. Cossey. Gunton. Witton. *Burnham Westgate*; W. A. Watton, Dereham, Earsham, Bedingham, Hevingham; B. G.

3. **P. Avium**, L. Wild Cherry. May.

In woods at Beeston by Norwich. Cossey. About Bergh Apton; F. B.

4. **P. Cerasus**, L. Common Wild Cherry. May.

Woods and hedges. Not frequent. Swardeston. Claxton, Yelverton. Cossey. Drayton Westwick.

II. SPIRÆA. *Meadow-Sweet. Drop-Wort.*1. *S. Ulmaria*, L. Common M. S. June—August.

Common in wet meadows and boggy places, and by running and stagnant water. Hartford-bridge. Crostwick. Surlingham bogs. Heigham by Norwich. Brampton. Postwick. Thetford. Fersfield. Leziate; J. B.

2. *S. Filipendula*, L. Drop-Wort. June, July.

More local than the preceeding species. Dry pastures and way-sides in a chalky soil. Somerfield. Docking. Ringstead. Hillington. Burnham Deepdale. *Burnham Westgate*; W.A.

III. SANGUISORBA. *Burnet.*1. *S. officinalis*, L. Great Burnet or Blood-Wort June—August.

Moist Meadows in a chalky soil. Burnham Sutton. Burnham Thorpe. *Burnham Westgate*; W. A.

IV. POTERIUM. *Salad-Burnet.*1. *P. Sanguisorba*, L. Common S. B. June—August.

Frequent in dry and chalky pastures. Crostwick. Stanhoe. Ringstead. Alington. Burnham Thorpe. Westwick. *Burnham Westgate*; W. A.

V. AGRIMONIA. *Agrimony.*1. *A. Eupatoria*, L. Common A. June, July.

In shady waste places and borders of fields. Frequent. Crostwick. Stanhoe. Sandringham. Lammass. Runham. Yelverton. *Hethersett*: W. A. Walsoken, Grimston; J. B.

VI. *ALCHEMILLA. Lady's Mantle.*

1. *A. arvensis*, L. Field L. M. or Parsley-Piert. May—August.

Frequent in dry fields, waste places, and on walls. Crostwick. Stanhoe. Thetford. Great Bircham. Ringstead. *Burnham Westgate*; W. A.

2. *A. vulgaris*, L. Common L. M. June—August.
Hilly pastures. *Fincham*; W. A.

VII. *POTENTILLA. Cinque-Foil.*

1. *P. anserina*, L. Goose-Foot C. F. or Silver-Weed. June, July.

Frequent by road-sides and in wet sandy places. Crostwick. Hoveton St. John. Brancaster. Stanhoe. *Burnham Westgate*; W. A.

2. *P. argentea*, L. Hoary C. F. June—September.

Not frequent. Pastures in a gravelly soil and by road-sides. Crostwick. Stanhoe. Burnham Overy. Yarmouth. Keswick. *Burnham Westgate*; W. A. Broome; B. G. Sherringham; Sk.

3. *P. reptans*, L. Common Creeping C. F. June—September.

Pastures and road-sides. Frequent. Crostwick. Stanhoe. *Lakenham*; W. A.

4. *P. Tormentilla*, Nesl. Tormentil C. F. June—August.

On heaths, dry banks, and woods. Crostwick. Stanhoe. Dersingham. East Harling. Blickling. Burnham Overy. *Burnham Westgate*; W. A.

5. **P. Fragariastrum**, Ehrh. Strawberry-leaved C. F. June—August.

Frequent in woods, dry pastures, and on banks. Crostwick. Stanhoe. Great Bircham. Easton. East Harling. Burnham Westgate. Gunton.

VIII. COMARUM. *Marsh Cinque-Foil.*

1. **C. palustre**, L. Common M. C. F. May—July.

Wet marshes and peaty bogs. Not frequent. Crostwick. Dersingham. Old Buckenham. Swannington. Horning. Hoveton St. John. Surlingham. Burnham Norton. Cossey; W. A. Leziate; J. B.

IX. FRAGRARIA. *Strawberry.*

1. **F. vesca**, L. Wood S. April—July.

Common in woods and on hedge-banks. Crostwick. Stanhoe. Abundant with white fruit at Houghton-juxta-Harpley, and Oulton. *Burnham Westgate*; W. A.

2.† **F. elatior**, Ehrh. Hautboy S. June—September.

On a shady hedge-bank at Buxton, but not far from a garden.

X. RUBUS. *Bramble.*

1. **R. Idæus**, L. Raspberry B. June, July.

Not frequent. Woods, thickets, and moist shady places. Telegraph Lane, Bishopsthorpe. Caister by Yarmouth. Bixley. Buckenham Ferry. Surlingham bogs. Hainford. Gunton. *Cossey*; W. A.

2. **R. suberectus**, And. Upright B. June—August.

Damp woods and boggy places. Wolterton. Edgefield. Blickling. Mileham. Godwick. Surlingham. Horning.

3. *R. rhamnifolius*, W. and N. Buckthorn-leaved B. July, August.

Hedges and thickets. Gunton. Houghton-juxta-Harpley. Kenninghall. Shottisham. Little Dunham. Foxley.

4. *R. fruticosus*, L. Blackberry B. July, August.

Very common in hedges and thickets. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

5. *R. carpinifolius*, W. and N. Hornbeam-leaved B. July, August.

Hedges, woods, and thickets. Wolterton. Raynham. Edgefield. Cossey. Castleacre. Godwick. Blickling. Ranworth. Garveston. Melton Constable.

6. *R. corylifolius*, Sm. Hazel-leaved B. June—August.

Hedges and thickets. Little Barwick. Snettisham. East Harling. Gunton. Oulton. Cossey. Snettisham. Arminghall.

7. *R. cæsius*, L. Dewberry B. June, July.

Frequent. Heaths, woods, and hedgebanks. Crostwick. Stanhoe. Bixley. Framingham Pigot. Fersfield. Kenninghall. Drayton. Little Melton.

XI. GEUM. *Avens*.

1. *G. urbanum*, L. Wood A. or Herb-Bennet. June—August.

Frequent. Woods and hedges. Crostwick. Stanhoe. Godwick. Gunton. Shottisham. Kenninghall. *Burnham Westgate*; W. A.

2. *G. rivale*, L. Water A. June, July.

Moist woods, meadows and marshy places. Not unfrequent. Godwick. Horning. Swannington. Barnham Broom. Kimberley. Edgefield. Hoveton St. John. Ranworth.

Norwich, Marham, Swaffham; W. A. Prior's wood between Downham and Lynn, Meadows between Norwich and Thorpe; E. B.

XII. *Rosa*. *Rose*.

1. *R. spinosissima*, L. Burnet R. May.

Not frequent. Heaths and sandy places. Godwick. Tivetshall. Coxford. Holt. Yarmouth; W. A.

2. *R. tomentosa*, Sm. Downy-leaved R. June, July.

Not common. Hedges, woods, and bushy places. Stratton Strawless. Edgefield. St. Faith's, Catton, about Norwich, Diss, Old Buckenham; F. B. and B. G. Holme next the Sea; Rev. Wm. Kirby. Near Castle Rising; Mr. Lowe.

3. *R. rubiginosa*, L. Sweet-Briar R. June, July.

Frequent on sandy bushy ground and hedges. In West Norfolk, sometimes planted in hedge-rows as fencing. Sandringham. Barmer. Syderstone. Hellesdon. Drayton. Catton. East Harling. Siderstrand. Arminghall. *Earlham*, W. A.

4. *R. canina*, L. Dog R. June, July.

Common in hedges and thickets. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

5. *R. systyla*, Woods. Close-styled R. June, July.

Not uncommon in hedges and bushy places. Bircham Newton. Coxford. Framingham Pigot. Arminghall. Yelverton. Hemblington. East Harling. Edgefield. Aldeby.

6. *R. arvensis*, Huds. Trailing R. June, July.

Not unfrequent. Cossey. Arminghall. Fersfield. Stanninghall. Pulham Market. Wacton. Runham. Mautby.

XIII. CRATÆGUS. *Hawthorn.*

1. *C. Oxyacantha*, L. Common H. May, June.

Hedges, woods, and enclosures. Very common. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XIV. PYRUS.

1. *P. communis*, L. Wild Pear. April, May.

Rare. Hedges and woods. Docking. Eaton. *Burnham Westgate*; W. A.

2. *P. Malus*, L. Crab. May.

Common. Hedges and Woods. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. *P. torminalis*, Sm. Wild Service. May.

Woods and Hedges. Ditchingham; B. G.

4. *P. Aria*, Sm. White Beam-tree. May, June.

Woods and hedges. *Earlham*; W. A. *Earsham*; B. G.

ORDER XXV. LYTHRACEÆ.

I. LYTHRUM. *Loosestrife.*

1. *L. salicornia*, L. Purple L. June—October.

Not uncommon. The sides of running and still waters.

Crostwick. Aylsham. Eaton. Fakenham. Burnham Norton. Brampton. *Hethersett*; W. A. West Walton, Walsoken, Grimston; J. B.

II. PEPLIS. *Water Purslane.*

1. *P. Portula*, L. Common W. P. July, August.

Not frequent. Watery places. By the edge of a pond Frog Hall, Little Barwick. Appleton. West Newton. On the Common at Aldeburgh. Hickling. Potter Heigham Staith. *St. Faith's Newton*; F. B.

ORDER XXVI.—ONAGRACEÆ.

I. *EPILOBIUM*. *Willow-Herb*.

1. *E. angustifolium*, L. Rose-bay W. H. June—August.
Rare. In a fir wood, Syderstone. *Hedenham*; B. G.
2. *E. hirsutum*, L. Great W. H. July, August.
Frequent about the sides of rivers, pools, and water-ditches.
Croswick. Holkham. Yelverton. Gimingham. West-
wick. Burnham Norton; W. A. Leziat; J. B.
3. *E. parviflorum*, Schreb. Small-flowered Hoary
W. H. July, August.
Not unfrequent. In watery places, and moist ditches.
Croswick. Cringleford. Holkham. East Walton. Potter
Heigham. Swannington. *Burnham Norton*; W. A.
4. *E. montanum*, L. Broad smooth-leaved W. H.
June, July.
Frequent in dry shady situations, on walls, and banks.
Little Barwick. Stanhoe. Croswick. Great Bircham.
Holt. *Burnham Westgate*; W. A.
5. *E. tetragonum*, L. Square-stalked W. H. July,
August.
Not uncommon beside watery places, and in damp situations.
Little Barwick. Surlingham. Swannington. Croswick.
Aylsham. Buxton. Brampton.
6. *E. palustre*, L. Narrow-leaved Marsh W. H. July,
August.
In boggy and other wet places. Not common. Croswick.
Dersingham. Colney. Horning. Narborough. Trowse.
Surlingham. *Burnham Westgate*; W. A. Grimston, Lezeate;
J. B.

II. *ŒNOTHERA. Evening Primrose.*

1. **Œ. biennis*, L. Common E. P. July—September.
Plentifully in a meadow at Crostwick. Railway banks at
Bishopsthorpe.

III. *CIRCÆA. Enchanter's Nightshade.*

1. *C. lutetiana*, L. Common E. N. June, July.
Not unfrequent in shady lanes and woods. Little Barwick.
Burnham Westgate. Stanhoe. Sculthorpe. Strumpshaw.
Blofield. Salhouse. Little Melton. *Hethersett*; W. A.
Leziate car; J. B.

ORDER XXVII. HALORAGACEÆ.

I. *MYROPHYLLUM. Water-Milfoil.*

1. *M. verticillatum*, L. Whorled W. M. July, August.
Not common. Water-ditches and pools. Crostwick.
Titchwell. Horning. Bishopsthorpe. Burnham Norton.
Holkham. Ingham. Buckenham Ferry. Brundall. *Burn-*
ham Westgate; W. A. Hedenham, Lakenham, Caister by
Yarmouth, Acle; B. G. Gayton; Mr. Lowe.

2. *M. spicatum*, L. Spiked W. M. May—July.
Not uncommon. Water-ditches and pools. Crostwick.
Titchwell. Brancaster. Hoveton St. John. Caister by
Norwich. Horning. Burnham Overy. Whitlingham. Ingham.
Hickling. Potter Heigham. *Burnham Westgate*; W. A.

II. *HIPPURIS. Mare's Tail.*

1. *H. vulgaris*, L. Common M. T. June, July.
Not frequent In pools and water-ditches. Inglesthorpe.

52 CUCURBITACEÆ. PORTULACEÆ. PARONYCHIACEÆ.

Dersingham. Brundall. Surlingham. Rockland St. Mary.
Congham. Ingham. Palling. *Burnham Westgate*; W. A.
Lynn; F. B.

ORDER XXVIII. CUCURBITACEÆ.

I. BRYONIA. *Red-Bryony*.

1. *B. dioica*, L. Common R. B. May—October.
Common in hedges and thickets. Crostwick. Stanhoe.
Sandringham. Taverham. *Burnham Westgate*; W. A.

ORDER XXIX. PORTULACEÆ.

I. MONTIA. *Blinks*.

1. *M. fontana*, L. Common B. April—August.
Not unfrequent by springs and on moist gravelly and sandy
places. Crostwick. Little Barwick. Fakenham. The North
Denes, Yarmouth. Saxlingham Nethergate. Swardstone.
Repps. Aldeburgh. *Docking*; W. A. Grimston; J. B.

ORDER XXX. PARONYCHIACEÆ.

I. HERNIARIA *Rupture-Wort*.

1. *H. glabra*, L. Glabrous R. W. July, August.
Rare. Gravelly soil. *Fincham*; W. A. Beachamwell,
Caldecote; B. G.

II. LEPIGONUM.

1. *L. rubrum*, Wahlb. Purple L. May—August.
Frequent in gravelly and sandy places. Crostwick. Stanhoe.
Docking. Syderstone. Drayton. East Harling. *Burnham
Westgate*; W. A.

2, *L. marinum*, Wahlb. Sea coast L. May—August.
Frequent in salt marshes and on the sandy coast. Titchwell.
Brancaster Burnham Overy. Winterton. Wells. Overstrand.
Burnham Norton; W. A.

III. SCLERANTHUS. *Knawel*.

1. *S. annuus*, L. Annual K. June—August.
Not unfrequent in sandy corn-fields, on banks and gravelly
places. Crostwick. Stanhoe. Docking. Cawston. Thetford.
Burnham Westgate; W. A.

2. *S. perennis*, L. Perennial K. June—August.
Rare. Sandy corn-fields. Fring. Alderford. *Snettisham*;
W. A. Kelling; B. G.

ORDER XXXI. CRASSULACEÆ.

I. TILLÆA.

1. *T. muscosa*, L. Mossy T. April—August.
Not frequent. Sandringham. Wolverton. Holkham.
Colney. Mousehold heath. Cawston. *Broome heath*; B. G.

II. SEDUM. *Orpine*. *Stone-Crop*.

1. *S. telephium*, L. Orpine or Live-long. July, August.
Borders of fields, banks, and thickets. Crostwick. Aylsham.
Aldeburgh. Alby. Hanworth. Gunton. Crostwick. Stan-
ninghall. Postwick. Yelverton. Eaton. Blickling. Skepton.
Banningham. Cossey. Erpingham. Felmingham. Witton.
Trimmingham. Acle. Siderstrand. Overstrand. Knapton.
Swafeld. *Hethersett*; W. A. Near St. Faith's; Sk.

2. *S. album*, L. White S. July, August.

Rare. Old walls. Houghton in the Dale. *Burnham Norton*; W. A.

3. *S. anglicum*, Huds. English S. May—August.

On sandy soil near the sea. Plentifully on the North Denes, Yarmouth. Blakeney. Cley. Palling.

4. *S. acre*, L. Biting S., or Wall Pepper. June, July.

Frequent on walls, roofs, dry sandy banks and pastures. Drayton. Norwich. Aylsham. Trimmingham. Mundesley. Waxham. Thetford. *Burnham Westgate*; W. A.

5. *S. reflexum*, L. Crooked yellow S. July, August.

Rare. Old walls and banks. Walls of the Bishop's Palace garden, Norwich. The precinct walls of the Close, Norwich. On a sandy bank in a lane near Hartford bridge.

6. *S. rupestre*, L. Rock S. July, August.

Plentifully on banks by the road-sides about Hanworth. Erpingham. Calthorpe. Colby. Ingworth. Antingham. Alby. Mundesley; Rev. E. J. Bell.

III. SEMPERVIVUM. *House-leek*.

1. **S. tectorum*, L. Common H. July.

House-tops and walls. Aldeburgh. Lakenham. Whittingham. Ormsby. Winterton. Mundesley. *Burnham Westgate*; W. A.

ORDER. XXXII. GROSSULARIACEÆ.

I. RIBES.

1. †*R. Grossularia*, L. Gooseberry. April, May.

Not uncommon in hedge-banks and woods. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **R. rubrum**, L. L. Red Currant. April, May.

Woods and thickets and boggy places. Little Barwick. Burnham Norton. Westwick. Reepham. Surlingham bogs.

3. **R. Nigrum**, L. Black C. April, May.

Damp woods, banks of rivers, and boggy places. Burnham Norton. Wolverton. Postwick. Surlingham bogs. Stanninghall. Hoveton St. John. Stratton Strawless. *Cossey*, W. A. Colney; Sk.

ORDER XXXIII. SAXIFRAGACEÆ.

I. SAXIFRAGA. *Saxifrage*.

1. **S. granulata**, L. Meadow S. May, June.

Not general, but in some parts of the County abundant.

Meadows, gravelly heaths, and banks. Crostwick. Stanhoe. Burnham Westgate. Ringstead. Sprowston. Brundall. Postwick. Bishopsthorpe. Arminghall. Lakenham. *Earlham*; W. A.

2. **S. tridactylites**, L. Rue-leaved S. March—June.

Common on old walls, roofs, and dry banks. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

II. CHRYSOPLENIUM. *Golden-Saxifrage*.

1. **C. oppositifolium**, L. Opposite-leaved G. S. April—June.

Rare. Moist shady places. Raynham. Poringland, W. A. *Holt Bogs*; B. G. Shipdham and Briston; Sk.

2. **C. alternifolium**, L. Alternate-leaved G. S. April—June.

Rare. Boggy places. Guist. Poringland, Needham near Harleston, B. G.

ORDER XXXIV. UMBELLIFERÆ.

I. HYDROCOTYLE. *Marsh Penny-Wort or Sheep-Rot.*

1. *H. vulgaris*, L. Common M. P. or S. R. May—August.

Common in marshy and boggy places. Crostwick. Little Barwick. Dersingham. Aldeburgh. Burnham Norton. Horning. Surlingham bogs. Leziate; J. B.

II. SANICULA. *Sanicle.*

1. *S. europæa*, L. Wood S. May—July.

Not uncommon in moist woods, ditches, and thickets.

Burnham Westgate. Godwick. Arminghall. Cossey. Framingham Pigot. Mileham. Swainsthorpe. Bunwell. Great Melton. Felthorpe. Wilton. Westwick.

III. ERYNGIUM. *Eryngo.*

1. *E. maritimum*, L. Sea-side E., or Sea-Holly. June—August.

Frequent on sandy places near the sea. Burnham Norton. Titchwell. Palling. Brancaster. Yarmouth. *Burnham Overy*; W. A.

IV. CICUTA. *Water-Hemlock.*

1. *C. virosa*, L. W. H. or Water Cow-bane. June—August.

Not frequent Rivers, pools, and water-ditches. Crostwick. Rockland broad. North Wootton. Cantley. Ingham. Reedham. Wroxham. Old Walsingham. St. Faith's; F. B. Filby broad, Yarmouth, Hoveton; B. G.

V. *APIUM. Celery*

1. *A. graveolens*, L. Wild C. June—August.

Frequent in salt and fresh-water ditches. Crostwick. Brancaster. Burnham Overy. Skeyton. Horning. *Burnham Westgate*, Yarmouth; W. A.

VI. *PETROSELINUM. Parsley.*

- 1.† *P. sativum*, Hoffm. Common P. June—August.

Rare. Old City walls, Norwich. Old Town walls, Yarmouth.

2. *P. segetum*, Koch. Corn P. August.

On a hedge-bank by the road between Walsingham and Binham. Where I met with it in an excursion with the Rev. Wm. Whitear. Binham; W. A. *Bergh Apton*; F. B.

VII. *HELOSCIADIUM. Marsh-Wort.*

1. *H. nodiflorum*, Koch. Procumbent M. W. July, August.

Frequent in marsh ditches, and beside running waters. Burnham Thorpe. Crostwick. Belaugh. Aylsham. Brampton. Horning. Buckenham Ferry.

2. *H. inundatum*, Koch. Lesser M. W. May—July.

Not frequent. Overflowed ground, and pools where the water has subsided. Cossey Common. Aldeburgh. The North Denes, Yarmouth. Swannington. *Stow Bardolph*: W. A.

VIII. *SISON. Hone-Wort or Bastard Stone Parsley.*

1. *S. amomum*, L. Hedge H. W. May—July.

Moist hedge-banks in clay and chalky soils. Shotesham. Attleborough. Framingham Pigot. Happisburgh. Hardingham.

Hingham. Wymondham. Saxlingham. Swainsthorpe.
 Flordon. Seething. Langley. Kenninghall. Fersfield.
 Hackford by Hingham. Bressingham. Roydon by Diss.
 Bixley.

IX. *ÆGOPodium*. *Gout-Weed*.

1. *Æ. Podagraria*, L. Common G. W. or Herb Gerard.
 June—August.

Common in moist places by way-sides, borders of fields,
 and gardens. Crostwick. Stanhoe. *Stow*; W. A.

X. *Carum*. *Caraway*.

1.† *C. Carui*, L. Common C. June.

“Marshy places in this County.” B. G.

XI. *Bunium*. *Earth-Nut*.

1. *B. flexuosum*, With. Common E. N. May, June.

Frequent in pastures and woods. Crostwick Churchyard.
 Godwick. Beeston by Norwich. Swardeston. Bishopsthorpe.
 Stanhoe. Bunwell. *Stow*; W. A. Leziate; J. B.

XII. *Pimpinella*. *Burnet-Saxifrage*.

1. *P. Saxifraga*, L. Common B. S. July—September.

Frequent. Dry pastures. Ringstead. Great Bircham.
 Stanhoe. Eccles-Road. Roughton. *Burnham Westgate*; W. A.

XIII. *Sium*. *Water-Parsnep*.

1. *S. latifolium*, L. Broad-leaved W. P. July, August.

Somewhat rare. Rivers, water-ditches, and boggy places.
 Burnham Thorpe. Hoveton St. John. Wroxham. Belaugh.
 Reedham. Buckenham Ferry. *Earsham*, Diss, Acle; B. G.
 Brundall; Sk.

2. *S. angustifolium*, L. Narrow-leaved W. P. July, September.

Not uncommon. Water-ditches, swamps, and streams. Burnham Thorpe. Burnham Overy. Holkham. Horning. Belaugh. Swannington. *Burnham Westgate*; W. A.

XIV. BUPLEURUM. *Hare's Ear*.

1. *B. rotundifolium*, L. Thorow-Wax H. E. June, July.

Rare. Corn-fields. Marham, B. G.

2. *B. tenuissimum*, L. Slender H. E. July—September.

Somewhat rare. Salt marshes. Titchwell. Brancaster. West Walton. Blakney. Holm next the Sea. Lynn, Cley, Holkham, Breydon near Yarmouth; B. G. Burnham Deepdale; Rev. E. K. Blyth.

XV. ŒNANTHE. *Water-Drop-Wort*.

1. *Œ. fistulosa*, L. Common W. D. W. July—September.

Frequent in ponds, ditches, and marshy places. Crostwick. Burnham Thorpe. Horning. Wroxham. Cantley. Brundall. *Burnham Westgate*; W. A.

2. *Œ. pimpinelloides*, L. Meadow Parsley W. D. W.

Somewhat rare. Slow waters, ponds, and marsh ditches. Horstead. Hoveton St. John. Haddiscoe. Acle-Dam. Reedham. Surlingham. Yarmouth, Cley; W. A. Near Lynn; B. G. *Horning*; F. B.

3. *Œ. Lachenalii*, Gmel. Salt Marsh Parsley-leaved W. D. W. July, August.

Chiefly in marshes near the coast. Ingham. Waxham. Horsey. Titchwell. Cley.

4. *Æ. silaifolia*, Bieb. Sulphur W. D. W. June.
Not common. Water-ditches, marshy, and boggy places.
Burnham Norton. Wroxham. Horning. Belaugh.
Buckenham Ferry. *Burnham Westgate*; W. A.

5. *Æ. crocata*, L. Hemlock-leaved W. D. W. July.
Somewhat rare. In watery places. Rockland broad.
Haddiscoe. Hoveton St. John. Ranworth. Ingham.

6. *Æ. Phellandrium*, Lam. Fine-leaved W. D. W.
July—September.

Not common. In rivers, water-ditches, and pools. Burnham Norton. Reedham. Wroxham. Haddiscoe. *Cossey*; W. A.

XVI. *ÆTHUSA. Fool's-Parsley.*

1. *Æ. Cynapium*, L. Common F. P. July, August.
Frequent. Corn-fields, gardens, and waste ground. Crostwick. Stanhoe. Norwich. Great Bircham. *Burnham Westgate*: W. A.

XVII. *FÆNICULUM. Fennel.*

1. *F. vulgare*, Gærtn. Common F. July, August.
Not frequent; chiefly in chalky places near the coast. In a chalk-pit, Burnham Overy. Limpenhoe. Cantley. Winterton. Hemsby. Cantley. Hellesdon. *Burnham Westgate*; W. A.

XVIII. *SILAUUS. Pepper Saxifrage.*

1. *S. pratensis*, Besser. Meadow P. S. June—September.
Not common. Borders of moist meadows, woods, and thickets. Godwick. Mileham. Hardingham. Hingham. Fersfield.

XIX. ANGELICA.

1. *A. sylvestris*, L. Wild A. July, August.

Wet, marshy, and moist bushy places. Belaugh. Hove-ton St John. Horning. Surlingham. Ringland. *Yelverton*; B. G.

XX. PEUCEDANUM. *Hog-Fennel*.

1. *P. palustre*, Mænoch. Marsh H. F. or Milk-Parsley. July, August.

Somewhat rare. Marshy and boggy places. South Walsham. Horning. Ranworth. Surlingham bogs. Reedham. Wroxham. Between Norwich and Heigham towards the river, marsh adjoining Wayford wood at Stalham, Aldercars at Mautby, marshes between Stalham and Ludham bridge in immense quantity; B. G. *Upton*, in alder swamps near Norwich; F. B.

XXI. PASTINACA. *Parsnep*.

1. *P. sativa*, L. Common wild P. June—August.

Not unfrequent. Borders of fields and hedge-banks where the soil is chalky. Stanhoe. Drayton. Binham. Postwick. Ringstead. Sandringham. *Burnham Westgate*; W. A. Walsoken; J. B.

XXII. HERACLEUM. *Cow-Parsnep*.

1. *H. Spondylium*, L. Common C. P. or Hog-Weed.

Common in hedges, borders of fields, and bushy places. Crostwick. Stanhoe. Siderstrand. Thetford. *Burnham Westgate*; W. A.

XXIII. DAUCUS. *Carrot.*

1. **D. Carota**, L. Wild C. June—August.

Frequent. Hedge-banks, borders of fields, pastures, and bushy places. Crostwick. Stanhoe. Hardingham. Thetford. *Burnham Westgate*; W. A.

XXIV. CAUCALIS. *Bur-Parsley.*

1. **C. daucoides**, L. Small B. P. May, June.

Rare. Cornfields in a chalky soil. Marham; F. B.

XXV. TORILIS. *Hedge-Parsley.*

1. **T. Anthriscus**, Gærtn. Upright H. P. June—August.

Common. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **T. infesta**, Spr. Spreading H. P. July, August.

Not unfrequent. Fields and waste places. Crostwick. Stanhoe. Burnham Westgate. Ringstead. Attleburgh. Norwich. Barford. Suffield.

3. **T. nodosa**, Gærtn. Knotted H. P. May—July.

Frequent. Road-sides and waste places in a chalky or gravelly soil. Crostwick. Stanhoe. East Harling. Overstrand. Burnham Westgate. Fakenham. North Walsham.

XXVI. SCANDIX. *Shepherd's Needle.*

1. **S. Pectin-Veneris**, L. Common S. N. or Venus' comb. June—September.

Common. Corn-fields and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXVII. ANTHRISCUS. *Chervil.*

1. *A. sylvestris*, Hoffm. Wild C. April—June.

Frequent. Hedges, borders of fields, and banks. Crostwick. Stanhoe. Aylsham. *Burnham Westgate*; W. A.

2. *A. vulgaris*, Pers. Common C. May, June.

Not unfrequent. Waste places and road-sides. Crostwick Stanhoe. Blofield. *Burnham Westgate*; W. A.

XXVIII. CHÆROPHYLLUM. *Rough Chervil.*

1. *C. temulum*, L. Common R. C. or Cow-Parsley. June, July.

Common. Hedge-banks, road-sides, and woods. Crostwick Stanhoe. *Burnham Westgate*; W. A.

XXIX. CONIUM. *Hemlock.*

1. *C. maculatum*, L. Common H. June, July.

Not unfrequent. Hedge-banks and waste places. Crostwick. Stanhoe. Sandringham. Aylsham. Sidestrand. Catton. Cossey. Postwick. Burnham Overy. Wells. Thuxton. Caister by Norwich. Hellesdon. Ormsby. Kenninghall. Yarmouth. *Burnham Westgate*; W. A.

XXX. SMYRNIUM. *Alexanders.*

1. *S. Olusatrum*, L. Common A. May, June.

Not very frequent. Waste places and about ruins, chiefly near the coast. Wells. Stanhoe. Overstrand. Gimingham. Mundesley. Palling. Happisburgh. Godwick. Bishopsthorpe. Lakenham. *Burnham Overy*; W. A.

ORDER XXXV. ARALIACEÆ.

I. ADOXA. *Moschatel*.

1. **A. Moschatellina**, L. Tuberous M. April, May.

Not frequent. Damp woods, shady hedge-banks, and ditches, chiefly in a clayey soil. Fakenham. Arminghall. Pudding Norton. Wymondham. Aylsham. East Carleton. Bunwell. Blickling. Framingham Pigot. *Stow*; W. A. Sprowston; Mrs. Arkwright.

II. HEDERA. *Ivy*.

1. **H. Helix**, L. Common I. September—November.

Common in hedges, and woods, and on ruins. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

ORDER XXXVI. CORNACEÆ.

I. CORNUS. *Cornel*.

1. **C. sanguinea**, L. Common C. or Dogwood. June, July.

Not unfrequent. Woods, thickets, and hedges. Hellesdon. Cossey. Surlingham. Swardeston. Beeston by Norwich. East Harling. Bunwell. Hockering. Sculthorpe. Sustead. Ranworth. *Burnham Westgate*; W. A. Walsoken; J. B.

ORDER XXXVII. LORANTHACEÆ.

I. VISCUM. *Mistletoe*.

1. **V. album**, L. Common M. March—May.

Not frequent. On the apple tree and white thorn at Swainsthorpe. On white thorn at Shotesham. On the apple

tree at Oveton. On poplar and white thorn at Thurton, East Carelton, and Seething, and on the oak at Shotesham; Mr. Bransby Francis. On oak at Aldeby and Woodbastwick, on the apple tree and white thorn at Great Cressingham, Hedenham, and Woodton; Mr. William Winter.

ORDER XXXVIII. CAPRIFOLIACEÆ.

I. SAMBUCUS. *Elder.*

1. **S. Ebulus**, L. Dwarf E. or Dane-Wort. July, August.

Not common. Hedge-banks, waste places, and thickets. Amongst the ruins of the Castle at Castle-Acre. In an old marl-pit and on a hedge-bank, Beighton. In the church lane and adjoining grove at Brundall. *Burnham Westgate*, Southwood; W. A. *Cley, Caister by Norwich, Bacton, Hardingham, Cromer*, Honingham, Marham, Acle; B. G.

S. nigra, L. Common E. June.

Very frequent in woods, thickets, hedges, amongst old ruins, and sometimes in boggy bushy places. Crostwick. Stanhoe. Surlingham bogs. *Burnham Westgate*; W. A.

II. VIBURNUM. *Guelder-Rose.*

1. **V. Lantana**, L. Mealy G. R. or Wayfaring Tree. May, June.

In woods and hedges where the soil is chalky. Godwick. Mileham. Walsingham. Hillington. Thorpe Market.

2. **V. Opulus**, L. Common G. R. May—July.

Not uncommon in moist woods, bushy places, and hedges. Bessingham. Sall. Scole. Gresham. North Pickenham. Sustead. Godwick. Coxford. Surlingham. Stratton Strawless. Howe. Wacton. Bunwell. *Cossey*; W. A.

III. LONICICA. *Honey-Suckle.*

1. **L.* Caprifolium**, L. Perfoliate H. S. May, June.

Not very frequent. Woods and hedges. Crostwick. Stanhoe. East Harling. Hoo. Little Barningham. Matlask. Godwick. Neatshead. Horning. Erpingham. Searning. *The Bath Hills, Ditchingham*; B. G.

2. **L. Periclymenum**, L. Common H. S. or Woodbine. June—September.

Common in woods, thickets, and hedges. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

ORDER XXXIX. RUBIACEÆ.

I. GALIUM. *Bed-Straw.*

1. **G. cruciatum**, With. Cross-wort B. S. April—June.

Not unfrequent. Hedge-banks, meadows, and bushy places. In the churchyard, Crostwick. Stanhoe. Postwick. Burnham Westgate. East Harling. Aldeby. Blofield. *Guist*; W. A. Middleton; J. B.

2. **G. tricornne**, With. Corn B. S. June—October.

Rare. Corn-fields in a chalky soil. Barton Bendish; B. G.

3. **G. Aparine**, L. Cleavers B. S. May—August.

Common in hedges and thickets. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

4. **G. Anglicum**, L. Wall B. G. June—August.

Somewhat rare. Old walls. Ruins at Westacre. Old walls about Thetford, Old wall in a lane near Carrow Abbey. On a wall at Trowse, where it was pointed out to me by the Rev. W. S. Hore. On a garden wall, Binham; F. B. Thetford Abbey, on a wall between Fincham and Lynn, Carrow Abbey; F. B.

5. *G. verum*, L. Lady's yellow B. S. June—September.

Common on dry banks, walls, sandy places, near the sea shore, and in hedges. Crostwick. Stanhoe. Attaining the height of four and five feet in hedges near Stokesby Ferry. *Burnham Westgate*; Walsoken; J. B.

6. *G. Mollugo*, L. Great hedge B. S. June—August.

Not unfrequent in hedges. Burnham Overy. Crostwick. Ingleshorpe. Strumpshaw. Bunwell. Attleburgh. Little Dunham. Sandringham. Grimstone. Earlham. Besthorpe.

7. *G. erectum*, Huds. Upright marsh B. S. June, July.

Rare. Hedges and wet pastures. In a hedge by the roadside from Kenninghall just before entering Fersfield. Brockdish. Heydon Common; W. A.

8. *G. saxatile*, L. Smooth heath B. S. July, August.

Common on heaths and dry banks. Great Bircham. Dersingham. Crostwick. Bramerton. *Guist*; W. A.

9. *G. uliginosum*, L. Rough marsh B. S. July, August.

Not unfrequent in wet marshes and boggy places. Burnham Norton. Crostwick. Hoveton St. John. Horning. Surlingham bogs. Horsford. Ingham. Blickling.

10. *G. palustre*, L. White Marsh B. S. July, August.

Common in wet marshes and ditches, and by the sides of rivers. Crostwick. Burnham Norton. East Walton. Surlingham. Little Melton. Hickling Staith. Acle Dam. *Burnham Westgate*; W. A.

II. *SHERARDIA*.

1. *S. arvensis*, L. Blue S. or Field Madder. April—October.

Common. Corn-fields and waste places in a light soil. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

III. ASPERULA. *Woodruff.*

1. *A. odorata*, L. Sweet W. May, June.

Not frequent. Damp woods and shady places. Godwick. Arminghall, in the lane leading from the Church to Caister Cossey. Blickling. Hemblington. Gunton. Fersfield Bunwell. Hethel; Mr. Edward Field.

2. *A. Cynanchica*, L. Small W. or Squinancy-Wort. June, July.

Rare. Chalky, sunny places. In a chalk pit by the road-side near the Hall, Burnham Westgate. On a bank and in a chalk pit by the road leading from Somerfield to Ringstead *Burnham Westgate*, Swaffham; W. A.

ORDER XL. VALERIANACEÆ.

I. CENTRANTHUS.

1. *C.* ruber*, D. C. Red C. or Red Valerian. June—September.

Chiefly on old walls. Little Barwick. Wall of the Palace garden, Norwich. Walls of the Precincts of the Close, Norwich. Old wall at Lammas. Old walls at Norwich; W. A. In Bishopgate Street, Norwich; F. B.

II. VALERIANA. *Valerian.*

1. *V. dioica*, L. Small marsh V. May, June.

Frequent in marshes and moist meadows. Burnham Norton. Crostwick. Surlingham. South Walsham. Horning *Burnham Westgate*; W. A. Bawsey; J. B.

2. *V. officinalis*, L. Great V. June—August.

Frequent. Marshes and moist meadows, wet ditches, moist woods, and sides of streams. Crostwick. Burnham

Overy. Surlingham. East Dereham. Buckenham Ferry.
Burnham Westgate; W. A. Leziate; J. B.

III. VALERIANELLA. *Corn-Salad*.

1. **V. olitoria**, Mœench. Common C. S. or Lamb's-Lettuce.

Frequent in cultivated lands and on banks. Crostwick. Stanhoe. Snettisham. Scottow. Sidestrand. Ranworth. Metton. *Burnham Westgate*; W. A. Walsoken; J. B.

2. **V. dentata**, Deitr. Narrow-fruited C. S. June—August.

Not frequent. Corn-fields and hedge-banks. Snettisham. Smallburgh. Postwick. Sidestrand. East Harling. *Thorpe by Norwich, near Thetford, Costessey*; B. G.

ORDER XLI. DIPSACACEÆ.

I. DIPSACUS. *Teasel*.

1. **D. sylvestris**, L. Common Wild T. August, September.

Not unfrequent. Moist hedges, sides of water ditches, and banks of rivers. Shelfanger. Gresham. Watton. Hopton. Redenhall. Titchwell. Brancaster. Framingham Pigot. Wymondham. Attleburgh. Old Walsingham. Brockdish. Harleston. Winfarthing. Howe. Bixley. *Burnham Westgate*; W. A. Walsoken; J. B.

2. **D.† Fullonunum**, L. Fuller's T. July—October.

Rare. Waste places. West Newton; Rev. John Freeman.

3. **D. pilosus**, L. Small T. or Shepherd's Staff. August, September.

Not common. Moist hedges and damp shady places. Stoke Holy Cross. Brampton. Oxnead. Skepton. Wymondham. Melton-Constable. Little Burgh. Out at St. Bennett's Gate, Norwich; W. A. *Ditchingham*, near Harleston, Attleburgh; B. G.

II. KNAUTIA.

1. *K. arvensis*, Coult. Field K. June—August.

Frequent. Corn-fields, pastures, borders of fields, and banks. Crostwick. Stanhoe. Thetford. Sidestrand. Trunch. Hardingham. Yelverton. *Burnham Westgate*; W. A.

III. SCABIOSA. *Scabious*.

1. *S. succisa*, L. Devil's-bit S. June—August.

Common in moist pastures. Great Bircham. Dersingham. Reepham bogs. Crostwick. Godwick. Little Dunham. Grimston; J. B.

2. *S. Columbaria*, L. Small S. July, August.

Not very frequent. Dry chalky pastures and banks. Stanhoe. Ringstead. Docking. Great Bircham. Grimston. Gayton Thorpe. Feltwell. Burnham Deepdale. East Walton. Framingham Earl. Drayton. Taverham. Cossey. Walsingham. Blakeney. Methwold. Felthorpe. Binham. *Burnham Westgate*; W. A. *The Bath Hills, Ditchingham*; B. G.

ORDER XLII. * COMPOSITÆ.

I. EUPATORIUM. *Hemp-Agrimony*.

1. *E. cannabinum*, L. Common H. A. July—October.

Common beside water-ditches, and banks of running waters. Crostwick. Burnham Overly. Postwick. Strumpshaw.

* In the genera of this order, the arrangement of Mr. Babington in his *Manual of British Botany* has been followed.

Catfield. Wilton. Hapton. *Hethersett*; W. A. Ashwicken;
Rev. John Freeman.

II. PETASITES. *Butter-Bur*.

1. **P. vulgaris**, Desf. Common B. B. March—May.

Not unfrequent in wet meadows and marshy places beside running water in stiff soils. Burgh by Aylsham. Brampton Cossey. Stokesby. Ludham. Antingham.

III. TUSSILAGO. *Colt's-Foot*.

- T. Farfara**, L. Common C. F. March—June.

Common in moist stiff soils. Crostwick. Gallow hills, *Burnham Westgate*; W. A. Walsoken; J. B.

IV. ASTER. *Star-Wort*.

1. **A. Tripolium**, L. Sea-side S. W. or Michaelmas Daisy. August, September.

Frequent in muddy salt marshes. Brancaster. Burnham Norton. Burnham Overy. West Walton. Wells. Yarmouth. Cley. Runham. *Burnham Deepdale*; W. A.

V. ERIGERON.

1. **E. acris**, L. Blue E. June—September.

Not general, but plentiful in some open places where the soil is gravelly or calcareous, and sometimes on walls. Great Bircham. Burnham Thorpe. Ringstead. Swannington. Cossey. Drayton. Antingham. Little Thornage. Beeston by Norwich. Thetford. East Harling. Catton. North Creake. Kimberley. Little Dunham. On walls at Appleton *Burnham Westgate*; Narford; W. A.

VI. *BELLIS. Daisy.*

1. *B. perennis*, L. Common D. February—November.
Common in pastures and on banks. Crostwick Churchyard.
Stanhoe Churchyard. *Burnham Westgate*; W. A.

VII. *SOLIDAGO. Golden-Rod.*

1. *S. Virgaurea*, L. Common G. R. July, August.
Not frequent. Woods, thickets, heaths, and banks by roadsides. Dersingham. Gressenhall. Framingham Earl. Haynford.
Little Burgh. *Felthorpe, Roydon Common*, Boughton; B. G.

VIII. *INULA.*

1. *T. Helenium*, L. Elecampane. July, August.
Rare. Moist pastures. Near the water-mill on the Common at Marlingford. *Freethorpe, Royden*; B. G. Near Dereham; Sk. Walsoken; J. B.
2. *T. Conyza*, D. C. Ploughman's Spikenard. July—October.

Not very frequent. Sides of woods and lanes in a clayey or chalky soil. Houghton-juxta-Harpley. Old Walsingham. Blakeney. Great Bircham. Fring. Burnham Thorpe. North Creak. Stratton Strawless. Trunch. Swafeld. North Walsham. Felmingham. Lammas. Buxton. Matlask. Bessingham. Bradfield. Binham. Great Thornage. Felthorpe. *The Bath Hills, Ditchingham*; B. G. Burnham Deepdale; Rev. E. K. Blyth.

IX. *PULICARIA. Flea-Bane.*

1. *P. dysenterica*, Gært. Common F. B. July—October.
Common in moist meadows and watery places. Crostwick.
Brampton. Feltwell. Stoke Ferry. Hockwold. Blickling.

Sutton. St. Faith's Newton. Kenninghall. *Burnham Westgate*; W. A.

2. *P. vulgaris*, Gärtn. Small F. B. August—September.

Very rare. Moist sandy places. In 1863, on the end of the common nearest to the village, opposite the row of cottages at Swannington.

X. *BIDENS. Bur-Marigold.*

1. *B. cernua*, L. Nodding B. M. June—September.

Not uncommon. Sides of running and still waters, and watery places. Crostwick. Great Bircham. Hockwold. Burnham Thorpe. Scottow. Aylsham. Yarmouth. Lakenham. Potter Heigham. Wilton. Ditchingham; W. A. Thorpe Meadows, Norwich; F. B.

2. *B. tripartita*, L. Trifid B. M. July—September.

Less frequent than the preceeding species and in similar situations. Burnham Thorpe. Hoveton St. John. Great Bircham. Stalham. Catfield. Potter Heigham. Swardeston. Marlingford. Wroxham. Grimstone; J. B.

XI. *ANTHEMIS. Chamomile.*

1. *A. arvensis*, L. Corn C. June—September.

Not common. Corn-fields and road-sides. Stanhoe. Docking. Brancaster. "Corn-fields in Norfolk;" W. A. "In various parts of Norfolk, occasionally;" F. B.

2. *A. Cotula*, L. Stinking C. June—September.

Common in fields and waste places. Crostwick. Stanhoe. Witton. Corn-fields in Norfolk;" W. A.

3. **A. nobilis**, L. Common C. July—September.

Scarce. Dry gravelly pastures and sandy places. Edge-field heath. "In several part of Norfolk;" F. B. Yarmouth Denes, near the North Gates; B. G.

XII. *ACHILLÆA*. *Yarrow*.

1. **A. Ptarmica**, L. Sneeze-wort Y. July, August.

Not common. Borders of fields, moist meadows, and bushy places. Godwick. Litcham. Gressenghall. Brisley. Wendling. Bawdeswell. *Fincham*; W. A.

2. **A. Millefolium**, L. Common Y. or Milfoil. June—September.

Common in fields and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XIII. *CHRYSANTHEMUM*. *Ox-Eye*.

1. **C. Leucanthemum**, L. White O. E. June, July.

Common. Fields, road-sides, and banks. Crostwick. Stanhoe. Walsoken; J. B.

2. **C. segetum**, L. Yellow O. E. or Corn-marigold.

Not unfrequent in fields in a sandy soil. Stanhoe. Burnham Westgate. North Creak. Docking. Taverham. Thetford. East Harling. Bayfield.

XIV. *MATRICARIA*. *Feverfew* *Wild-Chamomile*.

1. **M. Parthenium**, L. Common F. June—September.

Hedge-banks, waste places, and walls. Crostwick. Stanhoe. Felmingham. Trunch. Blickling. Aylsham. Swafield. Mundesley. North Walsham. Calthorpe Ingworth. Banningham. Erpingham. Aldeburgh. Colby. Brundall. Caister by Norwich. Horning. Neatshead. Hoveton St.

Peter. Wroxham. Little Plumstead. Bishopsthorpe. Strumpshaw. Swanton Abbott. Worstead. Smallburgh. Rackheath. Happisburgh. Wicklewood. Ingham. *Burnham Westgate*; W. A.

2. *M. inordora*, L. Scentless F. or Mayweed. June—September.

Common. Fields and waste places. Crostwick. Stanhoe. Attleburgh. *M. maritima*, L. On the sea-bank, Lynn; Mr. Lowe.

3. *M. Chamomilla*, L. Wild Chamomile. June—August.

Corn-fields, manure heaps and road-sides. North Creak. Sutton. "Rare in Norfolk;" F. B.

XV. ARTEMISIA. *Worm-wood. Southernwood. Mug-wort.*

1. *A. Absinthium*, L. Common W. W. August, September.

Not frequent. Road-sides and waste places. The Parsonage lane, Stanhoe. Titchwell. Haddiscoe. Thorpe Market. Antingham. Ingham. Norwich. *Burnham Westgate*; W. A.

2. *A. campestris*, L. Field S. July—September.

Rare. Sandy heaths and way sides. White-top Common, Blickling. About a mile north of Thetford; F. B.

3. *A. vulgaris*, L. Common M. W. July—September.

Common. Borders of fields, ditch banks, and waste places, Crostwick. Stanhoe. Rackheath. Happisburgh. Repps. East Harling. Wreham. Loddon. *Burnham Westgate*; W. A.

4. *A. maritima*, L. Sea-coast W. August, September.

Frequent in salt marshes and sea shores. Titchwell.

Burnham Norton. Blakeney. Holkham. Brancaster. Wells. Cley. Winterton. *Burnham Overy*, Yarmouth; W. A.

XVI. TANECETUM. *Tansy*.

1. **T. vulgare**, L. Common T. July, August.

On dry banks, pastures, by river sides, and in moist places. Crostwick. Aldeby. Burnham Overy. Cawston. Hemblington. East Dereham. Blakeney. Ranworth. Hingham. Somerfield. Caister by Yarmouth. Sall. Alburgh. Winterton. Panxworth. Ormsby. Taverham. Acle. Hanworth. Beighton. Blofield. Postwick. Brundall. Brampton. Kettlestone. Postwick. Aylsham. Trimmingham. Mautby. Siderstrand. Knapton. Palling. Mundesley. Booton. Happisburgh. Trunch. Waxham. Eccles by the Sea. *Burnham Westgate*; W. A.

XVII. FILAGO.

1. **F. germanica**, L. Common F. June—September.

Common. Sandy pastures and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **F. apicula**, G. E. Sm. July, August.

Sandy banks. Hoo. Elsing.

3. **F. minima**, Fries. Least F. June—September.

Not frequent. Dry gravelly pastures and sandy waste places. Sandringham. Drayton. Great Bircham. Horsford heath. Wolverton. Stratton Strawless. Haddiscoe. *Stow Bardolph*; W. A.

XVIII. GNAPHALIUM. *Cud-weed*.

1. **G. lateo-album**, L. Jersey C. W. July, August.

Rare. Fields. Larlingford. H. B. F.

2. *G. sylvaticum*, L. Wood C. W. July, September.

Not common. Woods, borders of thickets, and road-sides. Godwick. Wimbotsham. Stratton Strawless. Arminghall. Haynford. Sprowston. Felthorpe. Cossey; B. G.

3. *G. uliginosum*, L. Marsh C. W. July, September.

Not unfrequent in wet, sandy, and muddy places. Crostwick. Stanhoe. Catfield. Potter Heigham. Blickling. Hindolvestone. Aylsham. Trimmingham. Haynford. Erpingham. Aldeburgh. Burnham Westgate. Wolverton. Godwick. Horsford. Framingham Earl. Caister by Norwich. Brook; Sk. Walsoken; J. B.

XIX. ANTENNARIA. *Everlasting.*

1. *A. dioica*, Gærtn. Mountain E. June, July.

Rare. On heaths. Stratton Strawless; F. B. Swaffham. *Westwick*; B. G.

- 2.* *margaritacea*, R. Br. Pearly E. August.

In gravel pits on Mousehold heath; Gouch's Camden.

XX. DORONICUM. *Leopard's Bane.*

1. *D.† Pardalianches*, L. Great L. B. May—July.

Catton by Norwich; H. B. F.

XXI. SENECEO. *Groundsel. Rag-wort.*

1. *S. vulgaris*, L. Groundsel. January—December.

Common in cultivated and waste ground, banks, and walls. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. *S. viscosus*, L. Viscid R. W. or Stinking Groundsel. July, August.

Not common. Sandy waste ground and gravelly places. Sandringham. Narborough. Hyde-park, Docking. Wolver-

ton, Bircham-Tofts. Coxford. Anmer. Great Bircham. *Ditchingham*; B. G.

3. *S. sylvaticus*, L. Wood or mountain R. W. July—September.

Not uncommon. Woods, sandy banks, dry heaths, and gravelly ditch-banks. Gressenhall. Postwick. Drayton. Felthorpe. Swannington. Palling. Mousehold heath. Eccles by the Sea. Winterton. Trowse. Bishopsthorpe. Gresham. Haynford. South Pickenham. Thursford. Gunthorpe. About a quarter of an acre densely covered with it in an old plantation, at Weston. *Burnham Westgate*; W. A. *Ditchingham*; B. G.

4. *S.† squalidus*, L. Inelegant R. W. June—October.

On banks and walls about Eaton. Introduced there from the Isle of Wight by Mr. Ewing.

5. *S. Jacobæa*, L. Common R. W. July—September.

Common. Barren pastures, road-sides, and waste places. Crostwick. Stanhee Churchyard. *Burnham Westgate*; W. A.

6. *S. erucifolius*, L. Narrow-leaved R. W. July, August.

Not unfrequent in hedge-banks and by road-sides, chiefly where the soil is chalky; but sometimes in a stiff clay. Great Bircham. Ringstead. Catfield. Postwick, Wells. Swannington. Drayton. Potter Heigham. The Bath Hills, *Ditchingham*; W. A.

7. *S. aquaticus*, Huds. Water R. W. July, August.

Common in marshes, moist ditch-banks, and watery places. Crostwick. Burnham Overy. Surlingham. Potter Heigham Staith. *Burnham Westgate*; W. A. Walsoken; J. B

8. *S. palustris*, D C. Marsh R. W. June—August.

Rare. On a marshy ditch-bank, Runham. Near Potter Heigham Staith. *Antingham ponds*, near Acle bridge, by the sides of Haddiscoe Dam, St. Faith's, Newton bogs, Skoulton mere, Caister by Yarmouth, Ludham, Potter Heigham; B. G.

XXII. CARLINA. *Carlina-Thistle.*

1. **C. vulgaris**, L. Common C. T. June—October.

Not unfrequent. Dry pastures and banks. Earlham. Cossey. Little Barwick. Burnham Norton. Drayton. Holt. Rackheath. East Harling. Garveston. Edgefield. Great Ryburgh. *Burnham Westgate*; W. A. Mousehold heath; Sk.

XXIII. ARCTIUM. *Bur-Dock.*

1. **A. tomentosum**, Pers. Cottony B. D. August.

By road-sides. East Walton. Brampton. Barnham Broome. Thorpe Market. Sharrington.

2. **A. majus**, Schk. Greater B. D. July, August.

Not unfrequent by road-sides and waste places. Crostwick. Oxnead. Little Dunham. Burnham Westgate, Horsford. Attleburgh. Brampton. Sall. Wreningham. Barney.

3. **A. minus**, Schk. Lesser B. D. June—October.

Not unfrequent. By road-sides, waste places, and borders of fields. Wymondham. Thorpe Market. Quidenham. Skeyton. Coltishall. Hethersett. Shipdham. Stanfield. Langley. Needham.

XXIV. CENTAUREA. *Knap-Weed. Blue-Bottle. Star-Thistle.*

1. **C. nigra**, L. Black K. W. July—October.

Common in meadows and pastures. Crostwick. Stanhoe. *Burnham Westgate*; W. A. Sometimes with white flowers, Docking. Barmer. *Reedham*; B. G.

2. **C. Scabiosa**, L. Greater K. W. July, September.

Common in borders of corn-fields, hedge-banks, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. **C. Cyanus**, L. Blue-Bottle. June—August.

Not unfrequent in corn-fields. Docking. Bowthorpe. North Creake. Eaton. Skeyton. Cossey. Taverham. Elsing. Coltishall. Grimston, Leziate; J. B.

4. **C. Calcitripa**, L. Star Thistle. July—September.

Somewhat rare. By the road-side, Wighton. Stanhoe; Miss Trimmer. *Burnham Westgate*, Yarmouth Denes near the Sea, with a white blossom, frequent; W. A.

5. **C.* solstitialis**, L. Yellow S. T. July—September.

Rare. Road-sides and fields. Growing intermixed with the preceeding species, at Wighton. In a field between Drayton and Hellesdon. At Arminghall; F. B.

XXV. ONOPORDON. *Cotton Thistle.*

1. **O. Acanthium**, L. Common C. T. July, August.

Not general. Fields, hedge-banks, road-sides, and rubbish heaps. Burnham Westgate. Hellesdon. Buckenham Ferry. Crostwick. Rackheath. Bowthorpe. Ickburgh. Hilborough. Catton. Aylsham. Brampton. Aldeburgh. Earlham. Keswick. East Harling. Thetford. Norton-Subcourse. Thurlton. Wilton. Diss. Alburgh. Brockdish.

XXVI. CARDUUS. *Thistle.*

1. **C. nutans**, L. Musk T. June—October.

Frequent in pastures, waste places, and banks by road-sides. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **C. acanthoides**, L. Weltd T. June—August.

Not common. Ditch banks and road-sides. Caister by Yarmouth. Near the Old Barracks, Yarmouth. Thetford. Stalham. Reedham. Kenninghall. East Harling. Burgh St. Peter. Fersfield. Haddiscoe. Rollesby. Clippesby. Acle. Billockby. Filby.

3. *C. tenuiflorus*, Curt. Slender-flowered C. June—August.

Not common. Ditch banks and waste ground, chiefly towards the coast. Caister by Yarmouth. Waxham. Rollesby. Acle. Burgh St. Margaret. Haddiscoe. Reedham. *Cawston woodrow*, every where about Yarmouth; B. G. *Norwich*; F. B.

XXVII. CNICUS. *Plume Thistle.*

1. *C. lanceolatus*, L. Spear P. T. July, August.

Common. Waysides, pastures, and waste ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. *C. eriophorus*, L. Woolly-headed P. T. July, August.

Rare. In a gravel pit at North Pickenham; F. B.

3. *C. arvensis*, Curt. Creeping P. T. July, August.

Common. Fields, way-sides, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

4. *C. palustris*, L. Marsh P. T. July, August.

Frequent. Marshy grounds and moist shady places. Crostwick. Fakenham. Hickling. *Burnham Westgate*; W. A.

5. *C. pretensis*, Huds. Meadow P. T. June—August.

Not common. Boggy heaths and wet meadows. Dersingham heath. Swannington heath. Hoveton St. John. Wacton

common. South Walsham. Hackford. Stratton Strawless. Potter Heigham. Near Heydon, *Fincham*; W. A. *Bressingham*, *Horning*, Barton Bendish; B. G.

6. *C. acaulis*, L. Dwarf P. T. July—September.

Not frequent. Dry pastures and heaths. Great Bircham. Little Barwick. Sussex Farm, Burnham Westgate. Wacton common. Saxlingham-Nethergate. Little Dunham. Elsing. Oveton.

7 *C. heterophyllus*, L. Melancholy P. T. July, August. Rare. Mulbarton; B. G.

XXVIII. *SILYBUM. Milk Thistle.*

1. *S. Marianus*, Gærtn. Common M. T. July, August.

Not frequent. Road-sides and waste ground. Crostwick. Great Bircham. Colney. Wymondham. Earlham. Alburgh. Bowthorpe. Walsingham. Burnham Norton. Burnham Thorpe. Abundant at Brockdish. Aylsham. Brampton. *Burnham Westgate*; W. A.

XXIX. *LAPSANA. Nipple Wort.*

1. *L. communis*, L. Common N. W. July—September.

Common on waste and cultivated ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXX. *ARNOSERIS. Swine's Succory.*

1. *A. pusilla*, Gærtn. Dwarf S. S. May—August.

Rare. Corn-fields in a sandy or gravelly soil. Stow Bardolph. Poringland. Corn-fields near Norwich; W. A. Arminghall; B. G.

XXXI. CICHORIUM. *Chicory.*

1. **C. Intybus**, L. Common C. or Wild Succory.

No unfrequent. Borders of fields, dry pastures, and waste places, chiefly in a chalky or gravelly soil. Crostwick. Stanhoe. Brunstead. Thorpe Market. Walsingham. Norton Subcourse. Burnham Overy. Holkham. Aldeburgh. Alby. Strumpshaw. Hanworth. Erpingham. *Burnham Westgate*; W. A. Leziate; J. B.

XXXII. HYPOCHÆRIS. *Cat's Ear.*

1. **H. glabra**, L. Smooth C. E. June—September.

Not common. Sandy and gravelly fields. Attlebridge. Overstrand. Cley. Horsford. *Stow*; W. A. Cawston, Norwich, Narford, Narborough, Martham, Swaffham, Cromer, Ditchingham; B. G.

2. **H. radicata**, L. Long-rooted C. E. June—August.

Frequent. Meadows, pastures, and road-sides. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. **H. maculata**, L. Spotted C. E. July, August.

Rare. Upland meadows and pastures in a chalky soil. *Gressenghall*; F. B.

XXXIII. THRINCIA.

- T. hirta**, DC. Hairy T. or deficient Hawk-Bit. July—September.

Common. Dry gravelly pastures and banks. Crostwick. Stanhoe. Great Bircham. *Burnham Westgate*; W. A.

XXXIV. APARGIA. *Hawk-Bit.*

1. **A. hispida**, Willd. Rough H. B. June—September.

Frequent Meadows and pastures, chiefly in chalky and gravelly soils. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. *A. autumnalis*, Willd. Autumnal H. B. August, September.

Frequent. Heaths, meadows, and pastures. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXXV. TRAGOPOGON. *Goat's-Beard*.

1. *T. minor*, Fries. June, July.

Not unfrequent. Road-sides, meadows, pastures, and near barns and stack yards. Stanhoe. Burnham Westgate Itteringham. Burnham Overy. Hemblington. Colby. Blakeney. Glandford. Suffield. Stokesby. Oulton. Hellesdon. Saxthorpe. Claxton. Shimpling. Swanton Novers.

2. *T. pratensis*, L. Common yellow G. B. June, July.

Not unfrequent. Meadows and pastures. Stanhoe. Burnham Thorpe. Mautby. Eaton. Bunwell. Earlham. Walsingham. Holkham. Postwick. Kenninghall. Burlingham. St. Peter. *Burnham Westgate*; W. A. Walsoken, Emneth; J. B. Of the two forms of this plant, the commonest throughout this county is the one having the involucre shorter than the florets.

3. *T. porrifolius*, L. Purple G. B. or Salsify. May, June.

About the banks of the Castle, Norwich; F. B.

XXXVI. PRICRIS.

1. *P. hieracioides*, L. Hawkweed P. June—October.

Not frequent. Road-sides, borders of fields, and dry banks. Stanhoe. Happisburgh. Godwick. Ringstead. Titchwell.

XXXVII. HELMINTHIA. *Ox-Tongue.*

1. *H. echiioides*, Gærtn. Bristly O. T. June—October.
Not frequent. Banks and borders of fields. Horningtoft.
Shipdham. East Lexham. Hillington. Brunstead. Stibbard.

XXXVIII. LACTUCA. *Lettuce.*

1. *L. virosa*, L. Strong-scented L. July, August.
Not uncommon on dry banks in a chalky soil, and on old
walls. Mundesley. Hillington. Potter Heigham. Trunch.
Binham. Colney. Burnham Overy. Bishopsthorpe. Wal-
singham. Alburgh. Bramerton. Great Bircham. Bradeston.
Earlham. Happisburgh. North Walsham. *Burnham West-
gate*; W. A. About Norwich; F. B. Near Diss; B. G.

2. *L. Scariola*, L. Prickly L. July, August.
Rare. Billingford by Scole. Needham. Harleston.
Brockdish.

3. *L. muralis*, D C. Ivy-leaved wall L. June—August.
On the Rectory garden wall, Crostwick. Old walls at
Thetford. Walls at Bishopsthorpe. Felmingham. Norwich.
In woods at Houghton juxta Harpley. Swainsthorpe. Town
Barningham. Swanton Novers. Blickling. Aldborough.
Hedge-banks, Aylsham. Erpingham. Wroxham. Salhouse.
Little Plumstead. Hoveton St. Peter. Rackheath. Witton.
Felthorpe. Pulham St. Mary the Virgin. Matlask. Starston.
Gresham. North Walsham. Melton Constable. Narford; Sk.

XXXIX. LEONTODON. *Dandelion.*

1. *L. Taraxacum*, L. Common D. March—October.
Common in cultivated and waste ground and on walls.
Crostwick. Stanhoe. *Burnham Westgate*; W. A. *T. palustre*,

Sm. Dersingham. Salhouse. Felthorpe. Swardeston.
Broome Fen, Barton Bendish; W. A. *Horning*; F. B. Yar-
mouth; B. G.

XL. SONCHUS. *Sow-Thistle*

1. **S. arvensis**, L. Corn S. T. August, September.
Common. Corn-fields and waste grounds. Crostwick.
Oveton. Stanhoe. Cossey. Great Bircham. Sall. Reepham.
Blickling. Horstead. *Burnham Westgate*; W. A.

2. **S. palustris**, L. Marsh S. T. July, August.
Rare. Marsh ditch-banks, watery places, and sides of
rivers. Titchwell. Brancaster. Hardley. Strumpshaw.
Acle. Cantley. Langley. Reedham, B. G.

3. **S. oleraceus**, L. Common S. T. June—August.
Common in waste and cultivated ground. Crostwick.
Stanhoe. *Burnham Westgate*; W. A.

4. **S. asper**, Hoffm. Sharply-toothed S. T. June—
August.

Not uncommon in waste and cultivated ground. Crostwick.
Stanhoe. Cossey. Terrington St. John; Mr. King

XLI. CREPIS. *Hawk's-Beard*

1. **C. foetida**, L. Stinking H. B. June, July.
Rare. Dry pastures in a chalky soil. Near Swaffham,
Barton Bendish; F. B. Beachamwell; B. G.

2. **C. virens**, L. Smooth H. B. June—September.
Common. Meadows, pastures, road-sides, walls, and roofs.
Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. **C. biennis**, C. Rough H. B. June—August.
Rare. Dry places in a chalky soil. Ringstead. *Burnham
Westgate*; W. A.

XLII. *HIERACIUM. Hawk-weed.*

1. *H. Pilosella*, L. Mouse-ear H. W. May—September.
Common. Dry banks and pastures. Crostwick. Stanhoe.
Burnham Westgate; W. A.

2. *H. murorum*, L. Wall H. W. June—August.
Rare. On the ruins of the Abbey, North Creake. On a
boundary wall of the Close, *Norwich*; W. A.

3. *H. sylvaticum*, Sm. Wood H. W. July—September.
Frequent in woods, and on banks and walls. Little
Barwick. Houghton juxta Harpley. Stanhoe. Cossey.
Kenninghall. Gunton. Town Barningham. Godwick.
Horningtoft. Mileham. *H. maculatum*, Sm. On a gravelly
bank in Telegraph Lane, Bishopsthorpe near Norwich. On
the Deanery garden wall, the Close, Norwich. "This plant
was brought from Westmoreland in 1781, by Mr. Crowe, from
whose garden it has established itself by seed in the neighbour-
hood of Norwich, preserving its original habits and character;"
W. A.

4. *H. umbellatum*, L. Narrow-leaved H. W. July—
September.

Not common. Gravelly hedge-banks and dry shady places.
Little Plumstead. Salhouse. Woody hills at the back of
Thorpe, near Norwich; W. A. *Bath Hills, Ditchingham*; B. G.

5. *H. boreale*, Fries. Shrubby Broad-leaved H. W.
August, September.

Not uncommon on hedge-banks and in woods. Stanhoe.
Godwick. Whissonett. Horningtoft. Beeston by Norwich.
Raynham. Cossey. Aldborough. Haynford. Town Barning-
ham. Burnham Thorpe. Matlask. *Burnham Westgate*; W. A.

ORDER XLIII. CAMPANULACEÆ.

I. JASIONE. *Sheep's Scabious.*

1. **J. montana**, L. On dry heathy ground and banks. Great Bircham. Skeyton. Neatshead. Burnham Norton. Der-singham heath. Felthorpe. Cossey. Reedham. Weston. Wacton common. Hillington. East Harling. Antingham. Snettisham. Bramerton. *Burnham Westgate*; W. A.

II. CAMPANULA. *Bell-Flower.*

1. **C. glomerata**, L. Clustered B. F. July, August.
Rare. Dry pastures in a chalky soil. In a field at the base of the steep hill by the road leading from Great Bircham to Hillington. Chalk hills in Norfolk; W. A.

2. **C. Trachelium**, L. Nettle-leaved B. F. July, August.
Not common. Woods and hedges. Godwick. Horning-toft. Mileham. Raynham. Grimston, Leziate; J. B.

3. **C. latifolia**, L. Giant B. F. July, August.
Rare. Woods, bushy places, and hedges. Forehoe wood near Kimberley; F. B. *Hardingham, the Bath Hills, Ditch-ingham*; B. G.

4. **C. rotundifolia**, L. Round-leaved B. F. or Hare-Bell, July—October.

Common. Dry heaths, barren pastures, hedge-banks, and road-sides. Crostwick. Stanhoe. Bodham. East Harling. Sandringham. Happisburgh. Feltwell. Harleston. Westwick. *Burnham Westgate*; W. A.

5. **C. Rapunculus**, L. Rampion B. F. July, August.
Rare. Hedge-banks and fallow fields. Near the Castle at Old Buckenham, *On a bank near the mill on entrance in Dereham*; B. G.

6. *C. patula*, L. Spreading B. F. July, August.

Rare. In pastures and bushy places. Near Holt in the road to Binham; F. B.

III. SPECULARIA.

1. *S. hybrida*, A. D C. Corn S. June—September.

Not frequent. Corn-fields. Abundant about Stanhoe. Docking. Elsing. South Creak. Burnham Thorpe. Little Barwick. Worthing. Little Plumstead. *Burnham Westgate*; W. A. Leziate; J. B.

ORDER XLIV. ERICACEÆ.

I. VACCINIUM. *Bilberry. Cranberry.*

1. *V. Myrtillus*, L. Bilberry. April, May.

Very sparingly in a small gravelly pit on the north side of the hills near Ossian's Vale, Mousehold heath.

2. *V. Oxycoccus*, L. Cranberry. June, July.

Somewhat rare. Wet and peaty bogs. In very great abundance on the side of the heath adjoining Wolferton at Dersingham. On Dersingham moor; F. B. *Horning*, Wretham; B. G. Bawsey, Roydon; Rev. John Freeman. Leziate; J. B.

II. ANDROMEDA.

1. *A. polifolia*, L. Marsh A. June—August.

Rare. Peat bogs. Larlingford. H. B. F.

III. CALLUNA. *Ling.*

1. *C. vulgaris*, Salisb. Common L. June—August.

Common on the dry parts of heaths, and on dry banks. Great Bircham. Dersingham. Crostwick. Mousehold heath. Bawsey, Grimston; J. B.

IV. ERICA. *Heath.*

1. **E. Tetralix**, L. Cross-leaved H. July, August.

Not uncommon. Boggy or dry heaths. Sandringham. Dersingham. Wolverton. Horning. Mousehold heath. Swannington. Scarning. Horsford. Stratton Strawless. Hoveton St. John. Moist heaths, Norfolk; W. A.

2. **E. cineraria**, L. Fine-leaved H. July—September.

Common on dry heaths and banks. Crostwick. Mousehold. heath. Heaths near Yarmouth; W. A. Bawsey; J. B.

V. PYROLA. *Winter-Green.*

1. **P. rotundifolia**, L. Round-leaved W. G. July. August.

Rare. Moist bushy places. Gunton. *Upton*; F. B. Bawsey; J. B.

2. **minor**, L. Lesser W. G. July.

Rare. By the edge of a pond in a wood at Frog Hall, Little Barwick. In a thicket of furze, Briston. Bulmer wood, Rackheath; Rev. J. Millard. Larlingford. H. A. B. F.

VI. MONOTROPA. *Bird's Nest.*

1. **M. Hypopitys**, L. Yellow B. N. July, August.

Rare. In a plantation in the Rectory grounds, Burnham Thorpe. In a wood at Godwick; Miss Trimmer. Shotesham, in a pine grove, Stoke; W. A.

ORDER XLV AQUIFOLIACEÆ.

I. ILEX. *Holly.*

1. **I. Aquifolium**, L. Common H. May, June.

Not uncommon. Woods, hedges, and heaths. Crostwick.

Spratts' Green, Aylsham. Felthorpe. Marsham. Cossey.
Oulton. Thursford.

ORDER XLVI. OLEACEÆ.

I. LIGUSTRUM. *Privet*.

1. **L. vulgare**, L. Common P. June, July.

Not unfrequent. Hedges and thickets in a gravelly soil, and boggy marshes. Crostwick. Drayton. Helleslon. East Harling. Kenninghall. Swardeston. Caister by Yarmouth. Felthorpe. Swannington. Burnham Norton. Surlingham bogs. *Lakenham*; W. A.

II. FRAXINUS. *Ash*.

1. **F. excelsior**, L. Common A. April, May.

Common. Woods and hedges. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

ORDER XLVII. APOCYNACEÆ.

I. VINCA. *Periwinkle*.

1. **V. minor**, L. Lesser P. April—June.

Not frequent. Woods, thickets, and hedge-banks. Town Barningham. On a hedge-bank in a lane leading from Pockthorpe to Mousehold heath. Plentifully on banks about Oulton. Tivetshall. Swainsthorpe. North Pickenham. Earsham wood, and hedges about Diss; W. A. Lanes about Honingham; F. B. In a hedge at Eaton; Sk.

2. **V.* major**, L. Greater P. April, May.

Somewhat scarce. Hedges, woods, and thickets. In an Osier car, Burnham Overy. Beside a pond in a field at

Pulham St. Mary the Virgin. Hedge-bank at Shotesham. *Bath Hills, Ditchingham*, by Honingham Church, Grove at Thorpe; B. G.

ORDER XLVIII. GENTIANACEÆ.

I. ERYTHRÆA. *Centaury*.

1. *E. Centaurium*, Pers. Common C. June—September.

Not uncommon in dry pastures. Burnham Norton. Sall. Witton. Aldborough. Skeyton. Drayton. Irstead. Mundesley. Bressingham. Booton. Thorpe by Haddiscoe. With white flowers near the windmill on the hill at Brancaster. *Burnham Westgate*; W. A. Walsoken; J. B.

II. GENTIANA. *Gentian*.

1. *G. Amarella*, L. Fell-wort G. July—September.

Not common. Dry pastures. Ringstead. Snettisham. Growing intermixed with *G. campestris* near the Union House at St. Faith's Newton. *Burnham Westgate*; W. A. Swaffham; B. G.

2. *G. campestris*, L. Field G. July—October.

Not frequent. Dry chalky and gravelly pastures. Syderstone. Brancaster. St Faith's Newton. Drayton. Mundford heath. Cossey common, Cley; F. B. *Near S. Pickenham Church*, Stratton heath, Swaffham; B. G. Yaxham; Rev. E. K. Blyth.

3. *G. Pneumonanthe*, L. Marsh G. August, September.

Somewhat rare. Moist turfy heaths and pastures. Horsford heath. Stratton Strawless. Swannington. Lexiate heath, Rollesby; F. B.

III. CHLORA. *Yellow-wort.*

1. **C. perfoliata**, L. Perfoliate Y. W. June—September.

Not common. Dry chalky pastures. Bagthorpe. *Framingham and Arminghall*; F. B. *Earsham*, Ditchingham, Bressingham; B. G. On the railway bank, Flordon; Sk.

IV. VILLARSIA.

1. **V. nymphæoides**, Vent. Fringed V. July, August.

Still pools of waters, in rivers, and in large dikes. Downham Market. Hilgay Fen; Rev Wm. Blyth.

V. MENYANTHES. *Buckbean.*

1. **M. trifoliata**, L. Common B. or Marsh Trefoil. May—July.

Not unfrequent. Boggy and marshy ground. Crostwick. Dersingham. Burnham Overy. Swardeston. Witton. Reepham. Wilton. Acle. Surlingham. Swannington. Heigham by Norwich. Rollesby. Horsford. Saxlingham Nethergate. Horning. Hoveton St. John. West Walton. Potter Heigham. *Earlham*; W. A. South Acre; Sk. Ashwicken; Rev. John Freeman. Grimston; J. B.

ORDER XLIX. CONVOLVULACEÆ.

I. CONVULVULUS. *Bind-Weed.*

1. **C. arvensis**, L. Small B. W. June—August.

Common in cultivated ground, dry banks, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. **C. sepium**, L. Great B. W. July, August.

Not unfrequent. Moist hedges and thickets. Crostwick. Ringland. Stanninghall. Heigham by Norwich. Ingles-

thorpe. Thurlton. Titchwell. Horning. Wroxham. With flowers tinged with pink at Surlingham bogs. Walsoken; J. B.

3. **C. Soldanella**, L. Sea-side B. W. June—October.

Frequent in sandy places near the Sea-shore. Titchwell. Burnham Norton. Winterton. Burnham Deepdale. Holkham. Holme next the Sea. Palling. Burnham Overy. Eccles by the Sea. *Brancaster*; W. A. Yarmouth; Sk.

II. CUSCUTA. *Dodder*.

1. **C. europæa**, L. Greater D. August—September.

On gorse. Burnham Thorpe. Where it was pointed out to me by my friend the late Rev. William Everard.

2. **C. Epithymum**, L. Lesser D. July, August.

Not uncommon on thyme and heath. Crostwick. Edgefield. Mousehold heath. Sandringham. Mundford. Syderstone heath. Great Bircham. Swannington. Taverham. Wolverton. Holt. Roughton heath. Swaffham. Saxthorpe. Dersingham. Great Bircham. *Broome*; B. G.

3. **C.* Trifolii**, Bab. Clover D. July—September.

“On clover chiefly. Norfolk.” H. A. B. F.

4. **C. Epilinum**, Weihe. Flax D. August.

On Flax. Burston. Shimpling.

ORDER L. BORAGINACEÆ.

I. CYNOGLOSSUM. *Hound's-Tongue*.

1. **C. officinale**, L. Common H. T. June—July.

By road-sides, barren pastures, and waste ground. Crostwick. Stanhoe. Sprowston. Coltishall. Northrepps. In great abundance about Roughton. Southrepps. Thetford.

Docking. East Walton. Scottow. Banham. Thorpe Market. Happisburgh. Burnham Thorpe. Mundford. Walsingham. Heckenham. Brancaster. Brunstead. Neatshead. *Burnham Westgate*; W. A. Grimston, Walsoken; J. B.

II. ANCHUSA. *Alkanet.*

1. **A.* sempervirens**, L. Green A. May—August.

Rare. Waste ground about towns and villages, and near ruins. Docking. Holme next the Sea. Catton. Beeston by Norwich. *Baconsthorpe Hall*, and a variety with white flowers, about Norwich and Haddiscoe Thorpe; B. G. Sprowston; Mrs. Arkwright. Old Lakenham; Sk.

III. LYCOPSIS. *Bugloss.*

1. **L. arvensis**, L. Small B. June, July.

Not uncommon. Corn-fields and banks by road sides. Crostwick. Stanhoe. Sustead. Northwold. Norton-Subcourse. Bodham. Haynford. Blofield. Heigham by Norwich. Thetford. Overstrand. Mundesley. Wereham. Caldecot. Norwich. *Burnham Westgate*; W. A. Leziate; J. B.

IV. BORAGO. *Borage.*

1. **B.* officinalis**, L. Common B. June, July.

Occasionally on waste ground near towns and villages. Holme next the Sea. Aldborough. Docking. Blofield. Burnham Overy. Taverham. Sprowston; Mrs. Arkwright. Drayton; Sk.

V. SYMPHYTUM. *Comfrey*.1. *S. officinale*, L. Common C.

Not frequent. Banks of rivers and of wet ditches. Tatterford. Wilton. Aldborough. In great abundance in watery places and bank of the river at Blickling Lodge. *S. patens*, Sibths. growing intermixed with it at the Blickling Station. Bank of the river by the Common at Fakenham. South Acre; Sk. Walsoken; J. B.

VI. ECHINUM. *Viper's Bugloss*.1. *E. vulgare*, L. Common V. B. June—August.

Very common in some parts of the County. Cultivated and waste ground in sandy and gravelly soils, and on old walls. Crostwick. Stanhoe. Thetford. East Walton. Eccles. South Creak. Westwick. Alderford. Docking. Barmer. Old walls about Norwich. Bowthorpe. *Burnham Westgate*; W. A. Leziate; J. B.

VII. LITHOSPERMUM. *Gromwell*.1. *L. officinale*, L. Common G. May—August.

Not uncommon in dry, gravelly, and chalky places amongst rubbish and in woods. Stanhoe. Docking. Godwick. Framingham Pigot. Town Barningham. Elsing. Gresham. Matlask. Yelverton. Postwick. Great Melton. *Burnham Westgate*; W. A. Shipdham; Sk.

2. *L. arvense*, L. Corn G. May—July.

Not common. Corn-fields. Stanhoe. Docking. Brancaster. North Creak. Great Bircham. Drayton. Blofield. *Burnham Westgate*; W. A. Walsoken; J. B.

VIII. MYOSOTIS. *Scorpion-Grass.*

1. *M. palustris*, With. Water S. G. or Forget-me-not.
June—August.

Common in wet ditches, sides of rivers, and watery places.
Crosthewick. Wilton. Swannington. Antingham. Langley.
Hickling. Aylsham. Trowse. *Burnham Westgate*; W. A.
Grimston; J. B.

2. *M. cæspitosa*, Schultz. Tufted S. G. June—August.
Not uncommon in watery places. Crosthewick. Hoveton
St. John. Surlingham. Roydon by Diss. Horning. Stoke
Ferry. South Lopham.

3. *M. sylvatica*, Hoffm. Wood S. G. May—August.
Rare. Woods and shady places. Edgefield. Little
Barwick. Holt; H. & A. B, F.

4. *M. arvensis*, Hoffm. Field S. G. June—August.
Common in cultivated ground, bushy places, and hedge-
banks. Crosthewick. Stanhoe. Eccles. *Burnham Westgate*;
W. A. Walsoken; J. B.

5. *M. collina*, Hoffm. Early S. G. April, May.
Not uncommon on dry sandy banks and wall tops. Crosthewick.
Stanhoe. Drayton. Mundford. Sustead. Cawston.
Caldecot. Garboldisham.

6. *M. versicolor*, Ehrh. Yellow and blue S. G. April
—June.

In some parts of the County not uncommon. Moist
meadows and on dry banks. Docking. Barmer. Syderstone.
Coxford heath. Earlham. Thetford. East Harling. Burnham
Westgate; Burnham Deepdale. Mousehold heath; Sk.

ORDER LI. SOLANACEÆ.

I. SOLANUM. *Nightshade.*

1. **S. Dulcamara**, L. Bitter-sweet N. June—August.

Common in moist woods, hedges, and thickets. Crostwick. Stanhoe. Surlingham. Wilton. Antingham. Shotesham. *Burnham Westgate*; W. A. Walsoken; J. B.

2. **S. nigrum**, L. Black N. June—October.

Common in waste ground, fields, and manure heaps. Crostwick. Stanhoe. *Burnham Westgate*; W. A. Walsoken; J. B.

II. ATROPA. *Deadly N.*

1. **A. Belladonna**, L. Dwale or D. N. June—August.

Rare. About ruins and waste places. Castle-Acre. Cromer. St. Faith's Newton; W. A. Near East Dereham; Sk.

III. HYOSCYAMUS. *Hen-Bane.*

1. **H. niger**, L. Commou H. B. May—August.

Waste ground, road-sides, and borders of fields, chiefly in a chalky soil. Crostwick. Sandringham. Roughton. Hassingham. Walsingham. Wilton. Overstrand. Yarmouth. Wymondham. *Burnham Westgate*, W. A. *Earsham*, Broome; B. G. Attlebridge; Sk. Grimston; Rev. John Freeman.

IV. DATURA. *Thorn-Apple.*

1. **D.† Stramonium**, L. Common T. A. July—October.

Occasionally on waste ground, manure heaps, and rubbish.

Docking. Holme next the Sea. Aldborough. Wymondham.
Burnham Westgate; W. A. *Bacton*; B. G. Burnham Overy;
Miss Trimmer.

ORDER LII. OROBANCHACEÆ.

I. OROBANCHE. *Broom-Rape*.

1. **O. Rapum**, Thuill. Greater B. R. June, July.
Not common. On broom and furze. Eaton. Cossey.
East Walton. Wymondham. *Burnham Westgate*; W. A.
The Bath Hills, Ditchingham; B. G.

2. **O. elatior**, Sutt. Tall B. R. June—August.
Not common. On clover and *Centaurea Scabiosa*. Earls-
ham. Eaton. Needham. Bishopsthorpe. *Cossey*; W. A.
Edgefield, Catton, Gunton, Kelling; B. G. Sherringham
cliff; Sk.

3. **O. minor**, Sutt. Lesser B. R. June—August.
Not uncommon. On clover and *Lactuca muralis*. Crost-
wick. Stanhoe. Swardeston. Yelverton. Sprowston.
Cossey. Croxton. Bale. Bishopsthorpe. A variety,
the whole plant being of a bright yellow color, was pointed
out to me by Dr. Sutton on clover at Eaton. Sherringham.
Weyborne. Eaton, Frettenham: B. G.

4. **O. cœrulea**, Vill. Purple B. R. June, July.
Local. Grassy pastures. Weybourne. Near Mundesley
and Trimmingham, Beston, Northrepps, Lower Sherringham;
B. G. Beston; Dr. Casberry. Sherringham W. cliff; Sk.

5. **O. ramosa**, L. Branched B. R. August, September.
Very rare. On hemp. *Earsham, Geldeston*, Broome,
Outwell; B. G.

ORDER LIII. SCROPHULARIACEÆ.

I. VERBASCUM. *Mullein.*1. **V. Thapsus**, L. Great M. June—August.

Not unfrequent on banks, by road-sides and in chalk pits. Crostwick. Stanhoe. Cossey. Walsingham. Caldecote. Oxburgh. Scole. Hoo. Banham. Panxworth. Great Bircham. Sandringham. Ingham. Caister by Norwich. Bracon Ash. Bradeston. South Walsham. *Burnham Westgate*; W. A. Leziate; J. B.

2. **V. Lychnitis**, L. White M. July, August.

Rare. Waste ground. Heigham by Norwich.

3. **V. pulverulentum**, Vill. Hoary M. July.

Not unfrequent by road-sides and in chalk pits. Crostwick. Stanhoe. Banham. Cossey. South Walsham. Ickburgh. Bradeston. Helleston. Hilborough. Swannington. Ranworth. Ringstead. Great Bircham. Burnham Overy. Walsingham. Wells. Kirby Bedon. Cantley. Binham. Metton. *Burnham Westgate*; W. A. About Norwich everywhere; F. B. *Cawston-woodrow*, *Beetly*, *Hillington*, Castle-Acre, Acle, Hoveton; B. G. Var. *Nigropulverulentum*, Sm. Caister by Norwich. Ditchingham; W. A. At Helleston, near Norwich, frequent; F. B.

4. **V. nigrum**, L. Dark M. June—September.

On hedge-banks and by way-sides in gravelly and chalky soils. North Walsham. Swannington. Hapton. Cossey. Postwick. Wymondham. Hockwold. Wereham. Drayton. Cantley. Ingham. Hoe. Thetford. Sandringham. Feltwell. Alby. Narford. Banham. East Walton. Hillington.

Quidenham. Billingford by Scole. Hellesdon and Cossey; F. B. Heigham by Norwich; Sk. Beachamwell; Rev. Wm. Blyth. Var. *tomentosum*, Bab. Castle Rising; Mr. Lowe.

5. **V. Blattaria**, L. Moth M. July, August.

Rare. Kirby Bedon. *Opposite to the 9th mile-stone from Yarmouth to Norwich*; B. G.

6. **V. virgatum**, With. Large-flowered M. August.

Rare. Fields and by road sides. Norfolk; H. & A. B. F.

II. ANTIRRHINUM. *Snap Dragon*.

1. **A.* majus**, L. Great S. D. July—September.

On old walls. Little Barwick. The Precinct walls of the Close, Norwich. Lammas. Aylsham. *Norwich*; W. A.

2. **Orontium**, L. Lesser S. D.

Not frequent. Cultivated fields in dry gravelly and sandy soils. Plentifully about Stanhoe. Little Barwick. Great Bircham. Docking. Burnham Overy. And North Creake. Crostwick. Horstead-Grove-End. Earlham. *Burnham Westgate*; W. A. Catton; Sk.

III. LINARIA. *Toad-Flax*.

1. **L.* Cymbalaria**, Mill. Ivy-leaved T. F. June—October.

Common on old walls, and occasionally in old chalk-pits. Crostwick. Blickling. Walls about the Norfolk portion of Brandon. Cromer. Thetford. Banningham. East Harling. Brundall. Kenninghall. Chalk-pit at Burnham Westgate. Chalk-pit at Ringstead. *Yarmouth*; B. G.

2. **L. spuria**, Mill. Round-leaved T. F. July—October.

Not common. Corn-fields in light loamy and sandy soils. In the Parsonage glebe, Stanhoe. Near Horstead-Grove-End.

Attlebridge. East Harling. Seething, frequent near Diss ; B. G.

3. **L. Elatine**, Desf. Sharp-pointed-leaved T. F. or Fluellen.

Not common. Corn-fields in dry gravelly and sandy soils. Great Bircham. Easton. Rackheath. Alderford.

4. **L. minor**, Desf. Least T. F. June—October.

Cultivated fields in a sandy soil. East Walton. Frequent about Stanhoe. Docking. Brancaster. Great Bircham. North Creak. And Syderstone. *Burnham Westgate* ; W. A. *Edgefield, near Norwich* ; Binham, Marham ; B. G.

5. **L. vulgaris**, Mæench. Common Yellow T. F. July—September.

Common in borders of fields and hedges. Crostwick. Stanhoe. *Burnham Westgate* ; W. A. Var. *Peloria*, with the blossoms striped with light purple, in the glebe field adjoining the Parsonage, Stanhoe.

IV. SCROPHULARIA. *Fig-wort*.

1. **S. nodosa**, L. Knotted F. W. June—August.

Not unfrequent in moist woods, thickets, and shady hedges, Crostwick. Stanhoe. Wymondham. Godwick. Beeston by Norwich. Thwaite. Little Melton. Aldborough. Burston. Hockering. Antingham. Blickling. Elmham. South Pickenham.

2. **S. aquatica**, L. Water F. W. June—September.

Common by banks of rivers and wet ditches. Crostwick. Trowse. Wilton. Antingham. Hardley. Stoke Ferry. Swanton Morley. Burnham Overy. Holkham. Aylsham. *Burnham Westgate* ; W. A.

3. *S. vernalis*, L. Yellow F. W. April—June.

Rare. *A lane about two miles from Stiffkey in plenty*; B. G.

V. *DIGITALIS. Fox-Glove.*

1. *D. purpurea*, L. Common F. G. May—August.

A single plant with white flowers on Roughton heath. A few plants with white flowers on the Railway cuttings at Caister by Norwich. *In a lane at Brunstead*; B. G. Rawsey, Leziate; J. B.

VI. *LIMORELLA. Mud-wort.*

1. *L. aquatica*, L. Common M. W.

Very rare. By the edge of a small pool on the north-east end of the Green at Aldborough. 1862.

VII. *MELAMPYRUM. Cow-wheat.*

1. *M. cristatum*, L. Crested C. W. July.

Rare. Woods and thickets. Godwick. Mileham. Litcham. Horningtoft, Gressenhall; B. G.

2. *M. arvense*, L. Purple C. W. July. August.

Rare. Corn-fields and banks. Godwick. West Raynham. Eaton. *Stoke Holy Cross*, Litcham, Weasenham, Barton Bendish, Sporle, Cossey, Bixley, near Norwich, B. G.

3. *M. pratense*, L. Common Yellow C. W. May—August.

Common. Woods and thickets. Godwick. Houghton-juxta-Harpley. Eaton. Cossey. Leziate; J. B.

VIII. *PEDICULARIS. Louse-wort.*

1. *P. palustris*, L. Marsh L. W. or Red-Rattle. May—September.

Frequent in boggy and marshy places. Crostwick. Sur-
lingham. Scarning. Swannington. Reepham. Dersingham.
Saxlingham-Nethergate. Eccles by the Sea. Witton.
Horning. Rollesby. *Burnham Norton*; W. A. Ashwicken;
Rev. John Freeman. Grimston; J. B.

2. *P. sylvatica*, L. Pasture L. W. May—August.

Not uncommon on wet heaths and pastures. Dersingham.
Swannington. Edgefield. Horsford. Felmingham. Stratton
Strawless. Scarning. Old Buckenham. Burnham Norton.
Horning. *Burnham Westgate*; W. A.

IX. RHINANTHUS. *Yellow-Rattle*.

1. *R. Crista-galli*, L. Common Y. R. May—July.

Frequent in pastures, meadows, and marshes. Crostwick.
Stanhoe. *Burnham Westgate*; W. A.

X. BARTSIA.

1. *B. Odontites*, Huds. Red B. July, August

Frequent in corn-fields, and waste places. Crostwick.
Stanhoe. East Bradenham. Mundham. Kelling. Thixton.
West Harling. Seething. Roudham. Snetterton. Sisland.
East Walton. Bodham. Wood Dalling. Weeting. *Burn-
ham Westgate*; W. A.

XI. EUPHRASIA. *Eye-Bright*.

1. *E. officinalis*, L. Common E. B. May—October.

Frequent on heaths, barren pastures, and in woods. Stan-
hoe. Crostwick. Houghton on the Hill. Dersingham heath.

Palgrave. Weeting. Kilverstone. Hargham. Sometimes with white flowers, as at Gateley. Roughton heath. East Lexham. And Kersingham heath. *Burnham Westgate*; W. A.

XII. VERONICA. *Speedwell*.

1. *V. scutellata*, L. Marsh S. June—August.

Not frequent. Swampy and boggy places, and sides of wet ditches. Frog-hall, Little Barwick. West Newton. Frankman's pit, Great Bircham. Surlingham. Congham. Aldborough. Thuxton. Briston bogs; Sk. Grimston, Lugar Fen; J. B. var. *pubescens*, Koch. Wet ditches on Whitwell common. Appleton. West Newton. Near Scole; Dr. Sutton.

2. *V. Anagallis*, L. Water S. June—August.

Common in slow streams, shallow pools, and water ditches. Crostwick. Hickling. Harleston. Banham. Mundford. Witton. Langley. Burnham Overy. Aylsham. *Burnham Westgate*; W. A.

3. *V. Beccabunga*, L. Brooklime S. May—September.

Common in slow streams, wet ditches, and watery places. Crostwick. Burnham Norton. *Burnham Westgate*; W. A.

4. *V. officinalis*, L. Common S. May—August.

Frequent on dry heaths and banks. Crostwick. Stanhoe. Great Bircham. Brampton. Westwick. East Harling. Drayton. Swaffham. Sustead. Holt. Gresham. Gressen-hall. *Guist*; W. A.

5. *V. Chamædryas*, L. Germander S. May, June.

Common in pastures, woods, and on hedge-banks. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

6. **V. montana**, L. Mountain S. April—June.

Rare. Upland woods and thickets. In a plantation on Gallow Hill, Burnham Westgate. *Ditchingham*, *Earsham*, *Wendling car*, *Acle wood*, *Armingham wood*; B. G.

7. **S. serpyllifolia**, L. Thyme-leaved S. May—July.

Common in meadows, pastures, and road-sides. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

8. **V. arvensis**, L. Wall S. April—July.

Common on walls, and in fields in a light soil. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

9. **V. verna**, L. Vernal S. April, May.

Rare. Dry barren soils. *Thetford*; W. A. Foulden; F. B. Balking hill, Harleston; B. G.

10. **T. triphyllus**, L. Fingered S. April.

Rare. Sandy fields. Snettisham. *Wimbotsham*; W. A. *Cockley-Cley*, Roughton, Barton Bendish; B. G.

11. **V. hederifolia**, L. Ivy-leaved S. March—August.

Common. Fields, cultivated ground, and banks. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

12. **V. agrestis**, L. Green Procumbent S. May, June.

Common in fields, ploughed lands, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

13. **O. polita**, Fries. Gray Field S. April—September.

Not uncommon in cultivated fields and waste places. Crostwick. Stanhoe. Docking. Fring. South Creak. Postwick. Catton. Syderstone. Lakenham. Burnham Thorpe. Blo' Norton.

14. **V.* Buxbaumii**, Ten. Buxbaunis S. April—September.

Rare. Fields and cultivated ground. Hellesdon. Catton. Guestwick; Sk.

ORDER LIV. LABIATÆ.

I. SALVIA. *Sage or Clary.*

1. **S. verbenaca**, L. English S. or C. May—August.

Not unfrequent in dry pastures, banks, and on walls. Crostwick. Great Bircham. Burnham Norton. New Buckenham. Swaffham. Yarmouth. Binham. Cromer. Burnham Thorpe. Overstrand. Postwick. Earlham. Trowse. Thurlton. Lakenham. Burnham Overy. Carbrooke. Swaffham. Oveton. Bishopsthorpe. In great abundance on borders of clayey salt marshes, Holkham. *Burnham Westgate*; W. A. *Ditchingham*; B. G. Castle Rising; J. B.

2. **S. pratensis**, L. Meadow S. or C. June, July.

In Horsford meadow; B. G.

II. LYCOPUS. *Gipsy-Wort.*

1. **L. europæus**, L. Common G. W. June—September.

Not unfrequent beside still and running waters and wet ditch banks. Crostwick. Fakenham. Bishopsthorpe. Antingham. Inglesthorpe. Wilton. Hardley. Ingham. Kenninghall. Roydon by Diss. Wroxham. Horning. Tuttington. Sutton. *Burnham Westgate*; W. A.

III. MENTHA. *Mint.*

1. **M. silvestris**, L. Horse M. August, September.

Not common. Moist waste ground and ditches. Swanington. Hartford bridge. Fersfield. Honing. Great Hautboys. Near Hingham, on the Norwich road; F. B. Thorpe, near Norwich; B. G.

2. *M. rotundifolia*, L. Round-leaved M. August, September.

Rare. Waste ground in moist places. Horstead. Dean and Chapter meadows, Bishopsthorpe. Kenninghall. On the edge of an old moat at Shingham; F. B. Near Earlham, at Thorpe near Norwich; B. G.

3. *M. viridis*, L. Spear M. August—October.

Rare. Moist and marshy places. In a damp wood near the Wash Meres, Houghton-juxta-Harpley. *Hardingham*, Baburgh, Acle; B. G.

4. *M. piperita*, L. Pepper M. August, September.

Rare. Wet and swampy places. Burnham Norton. Baburgh. In swampy ground, growing intermixed with *Polygonum Bistorta* at Heigham by Norwich. Corner of Saham mere; F. B.

5. *M. aquatica*, L. Water Capitate M. July, August.

Frequent in wet ditches and watery places. Crostwick. Surlingham. Marlingford. Holkham. *M. odorata*, Sole. Reedham; B. G. *M. hirsuta*, Sm. Caistor near Yarmouth, Scoulton; B. G.

6. *M. sativa*, L. Whorled hairy M. July, August.

Not common. Wet places, banks of streams and water ditches. Marlingford common. Edgefield. Thurgarton. Letheringsett. *M. rubra*, Sm. Under a wet hedge in the road from Watton to Saham Church; B. G. *M. gentilis*, Sm. *Edgefield*; B. G. Holt; H. B. F.

7. *M. pratensis*, Sole. Meadow M. August, September.

Rare. Wet meadows, marshes, and moist places. *Marshes* at Norton. *M. gracilis*, Sm. At Saham and Oxburgh; F. B. *On the right hand bank five or six miles from Aylesham towards Bingham*; B. G.

8. *M. arvensis*, L. Corn M. August, September.

Common in corn-fields, waste ground, and gardens. Crostwick. Stanhoe. Burnham Westgate.

9. *M. Pulegium*, L. Penny-Royal M. August, September.

Rare. Wet places and margins of small pools. Frankman's pit, Great Bircham. Arminghall. In great abundance at St. Faith's Newton. Aldborough Green. *Docking*; W. A. *Bedingham*, Ditchingham; B. G.

IV. ORIGANUM. *Marjoram*.

1. *O. vulgare*, L. Common M. July—September.

Rare. Dry banks. Plentifully in a lane leading to Shernborne in the Parish of Great Bircham.

V. THYMUS. *Thyme*.

1. *T. Serpyllum*, L. Common T. June—August.

Frequent on dry heaths and banks. Crostwick. Cawston. *Burnham Westgate*; W. A.

VI. CALAMINTHA. *Calamint*. *Basil Thyme*.

1. *C. Nepeta*, Clairv. Lesser C. July, August.

Not common. Dry banks. Stanhoe. Bowthorpe. Neatshead. Northwold. Hoveton St. John. Castle-Acre; B. G.

2. *C. officinalis*, Mæench. Common C. July—September.

Not frequent. Way-sides and dry banks. Stanhoe. Bircham Tofts. Burnham Overy. Taverham. Glandford. Cockley Cley. Stratton Strawless. Gressenhall. *Burnham Westgate*; W. A.

3. **C. Acinos**, Clairv. Basil-Thyme. July, August.

Not general. Dry gravelly and chalky fields, and on walls. Flowers sometimes white. Crostwick. Stanhoe. Taverham. Drayton. Worthing. Weston. Bylaugh. Hellesdon. Cossey. Rackheath. Docking. Great Bircham. North Creake. On an old wall at Appleton. Thetford. *Burnham Westgate*; W. A. South-Acre; Sk.

4. **C. Clinopodium**, Benth. Wild B. July—September.

Not uncommon in upland dry bushy places. Stanhoe. Great Bircham. Burnham Westgate. Bixley. Framingham Earl. Burnham Overy. Caister by Norwich. Kenninghall. Fersfield. Taverham. Drayton. Aylsham. Hoveton St. John. Strumpshaw. Beeston by Norwich. *Fakenham*; W. A. Leziate; J. B.

VII. **NEPETA**. *Cat-Mint*. *Ground-Ivy*.1. **N. Cataria**, L. Cat M. July—September.

Not frequent. Hedges and waste places. Burnham Thorpe. Burnham Overy. Ringstead. Bowthorpe. Stratton Strawless. Taverham. Wroxham. *Burnham Westgate*; W. A. Leziate; J. B.

2. **N. Glechoma**, Benth. Ground-Ivy. March—June.

Common in hedges, groves, and shady places. Crostwick. Stanhoe. Burnham Westgate.

VIII. **SCUTELLARIA**. *Skull-Cap*.1. **S. galericulata**, L. Common S. C. July, August.

Not frequent. Banks of rivers, edges of pools, and watery places. Dersingham. Wilton. Swannington. Heigham by Norwich. Brundall. Bramerton. Horning. Briston; Sk. Setch; J. B.

2. **S. minor**, L. Lesser S. C. July—September.

Very rare. *Holt heath*; B. G.

IX. PRUNELLA. *Self-Heal*.

1. **P. vulgaris**, L. Common S. H. July, August.

Common. Damp and barren places. Crostwick. Stanhoe. With white flowers at Aldborough. With pink flowers at Erpingham. *Burnham Westgate*; W. A.

X. LAMTUM. *Dead-Nettle*. *Archangel*.

1. **L. amplexicaule**, L. Henbit D. N. May—August.

Not general, but frequent in sandy corn-fields about Stanhoe. Little Barwick. Docking. Brancaster. Drayton. North Creake. *Burnham Westgate*; W. A. Moushold heath; Sk.

2. **L. incisum**, Willd. Cut leaved D. N. April—September.

Not uncommon. In waste and cultivated ground. Crostwick. Stanhoe. Burnham Westgate. North Creake. Postwick. Hanworth. Great Bircham. Ranworth. Seething. Ashmanhough. Feltwell. Barnham Broom.

3. **L. purpureum**, L. Red D. N. May—September.

Common. Waste and cultivated ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

4. **L. album**, L. White D. N. May—July.

Common. Waste ground, corn-fields, and ditch banks. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

5. **L. Galeobdolon**, Crantz. Archangel. May, June.

Not unfrequent. Woods and shady over-grown places. Godwick. Gunton. Litcham. Bunwell. Besthorpe.

Attleburgh. Langley. Flordon. Framingham Pigot.
Arminghall. Yaxham; Sk.

XI. LEONORUS. *Mother-Wort.*

1. *L. Cardiacæ*, L. Common M. W. July, August.

Rare. Hedges and waste places. Burnham Sutton. North Creake. Cromer. *Burnham Thorpe*; W. A. *Salhouse*; F. B. *Drayton*, *Denton*, *Ditchingham*, *Holkham*, *Wortwell*; B. G.

XII. GALEOPSIS. *Hemp-Nettle.*

1. *G. Ladanum*, L. Red H. N. June—August.

Frequent in corn-fields in chalky, sandy, and gravelly soils. Stanhoe. Crostwick. Blofield. Walsingham. Thorpe Market. Docking. Yelverton. Bishopsthorpe. *Burnham Westgate*; W. A.

2. *G. Tetrahit*, L. Common H. N. July—September.

Common in fields, woods, and waste places. Crostwick. Sandringham. Stanhoe. *Burnham Westgate*; W. A.

3. *G. versicolor*, Curt. Large flowered H. N. or Bee N. July, August.

Not common. Corn-fields and waste places. Wood Bastwick. Little Dunham. Sutton. Repps. Swainsthorpe. Flordon. Strumpshaw. *Ellingham*, *Earsham*, *plentiful about Norwich*, *Wattlington*, *Ashill*, *Toft Monks*; B. G. *Burnham Overy*; Miss Trimmer.

XIII. STACHYS. *Wound-Wort.*

1. *S. Betonica*, Benth. Betony W. W. July, August.

Not uncommon. Woods, thickets, and pastures. Little Barwick. Houghton-juxta-Harpley. Inglesthorpe. Gunton.

Calthorpe Shotesham. Ranworth. Cossey. Meadows near Norwich; W. A.

2. *S. sylvatica*, L. Hedge W. W. July, August.

Common in woods, borders of fields, and shady waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. *S. palustris*, L. Marsh W. W. July, August.

Frequent by river-sides, banks of wet ditches, and watery places. Crostwick. Burnham Overy. Holkham. Elmham. Aylsham. *Burnham Westgate*; W. A. *S. ambigua*, Sm. In dry situations, such as corn-fields, and often intermixed with the following species. The glebe adjoining the Parsonage, Stanhoe. Little Barwick. North Creake. Docking. Great Bircham. *Burnham Westgate*; W. A. Acle; B. G.

4. *S. arvensis*, L. Corn W. W. April—October.

Not unfrequent in corn-fields about Stanhoe. Docking. Little Barwick. North Creake. Brancaster. And Burnham Westgate. Aldborough. Skeyton. Sall. Kerdiston.

XIV. BALLOTA. *Horehound*.

1. *B. nigra*, L. Black H. July—October.

Common. Hedges and waste places. Crostwick. Stanhoe. *Burnham Westgate*, W. A.

XV. MARRUBIUM. *White Horehound*.

1. *M. vulgare*, L. Common W. H. August, September.

Not frequent. Road-sides and waste ground. Stanhoe. Burnham Overy. Hellesdon. Banham. Felmingham. Trunch. Wymondham. Boughton. Brockdish. Fundenhall. Igborough. Mundford. *Burnham Westgate*; W. A.

XVI. TEUCRIUM. *Germander.*

1. **T. Scorodonia**, L. Wood G. or Wood Sage. July, August.

Frequent. Woods, shady places, and open barren heaths. Crostwick. Stanhoe. Mousehold heath. Sandringham. Wolverton. Witton. Holt. Westwick. Stratton Strawless. Bramerton. Drayton. Trimmingham. Gunton. Bodham. Swanton Novers. Holt. Swannington. Thorpe Market. Great Bircham. Bawsey, Grimston; J. B.

2. **T. Scordium**, L. Water G. July, August.

Rare. Wet meadows. *Horning*; F. B.

3. **T. Chamædrys**, L. Wall G. July, August.

Rare. In great abundance on the city walls on the north side of Norwich. Previously recorded there in F. B. and B. G.

XVII. AJUGA. *Bugle.*

1. **A. reptans**, L. Common B. May—July.

Frequent in moist meadows, woods, ditch-banks, and watery places. Crostwick. Framingham Earl. Burnham Westgate. Surlingham. Inglesthorpe. With white flowers at Flordon. Grimston; J. B.

ORDER LV. VERBENACEÆ.

I. VERBENA. *Vervain.*

1. **V. officinalis**, L. Common V. July—September.

Not unfrequent in waste places, by road-sides, and on walls. Crostwick. Stanhoe. Methwold. Brancaster. Aylsham. West Newton. Neatshead. Hilborough. Ran-

worth. Stokesby. Boughton. Feltwell. Little Barningham. Banham. Caldecot. Hanworth. Burnham Norton. Taverham. *Burnham Westgate*; W. A. Leziat. Grimston; J. B.

ORDER LVI. LENTIBULARIACEÆ.

I. PINQUICULA. *Butter-Wort.*

1. **P. vulgaris**, L. Common B. W. May—July.

Not uncommon in boggy ground and wet heaths. Coxford heath. Horsford heath. Stratton Strawless. Witton. Saxlingham-Nethergate. Swardeston. Swannington. Reepham. *Dersingham*, *Keswick*; W. A. Briston, Cossey; Sk. Ashwicken, Rev. John Freeman. Grimston; J. B.

II. UTRICULARIA. *Bladder-Wort.*

1. **U. vulgaris**, L. Common B. W. June—August.

Not unfrequent in meadow ditches, boggy pools, and stagnant waters. *Dersingham*. In a pond near the church. Burnham Norton. Salt marsh ditches, Titchwell. Heigham by Norwich. Horning. Caister by Norwich. Holkham. Hoveton St. John. Horning. Hickling. *Burnham Westgate*; W. A. Holt bogs, St. Faith's bogs; B. G. Hellesdon meadows; Sk. Crostwick; Rev. E. J. Bell. Thirne; Rev. E. K. Blyth. Grimston; J. B.

2. **U. intermedia**, Hayne. Intermediate B. W. August.

Rare. Ditches and pools. Growing intermixed with the preceeding and following species in salt marsh ditches at Titchwell.

3. **U. minor**, L. Lesser B. W. June—August.

Somewhat rare. In pools and ditches. Titchwell. Old Buckenham fens. Horning. *Bogs at Holt*, *Surlingham*, *Flordon*, *Cawston*, *St. Faith's*, *Roydon*, *Ellingham*, *Forncett*; B.G.

ORDER LVII. PRIMULACEÆ.

I. HOTTONIA. *Water-Violet.*1. *H. palustris*, L. Common W. V. May—July.

Not unfrequent. Ponds and ditches. Crostwick. Cossey. Burnham Norton. Dersingham. Framingham Earl. Brundall. Buckenham Ferry. East Basham. Elmham. Postwick. Horning. Horstead. Ranworth. Buxton. Stalham. Antingham. Cantley. Aylsham. Ingham. Waxham. Blickling. Brampton. Burnham Deepdale; Rev. E. K. Blyth. Leziate, Grimston; J. B.

II. PRIMULA. *Primrose. Cowslip.*1. *P. vulgaris*, Huds. Common P. March—May.

Common in woods and thickets, pastures, and on ditch-banks. Crostwick. Stanhoe. *Burnham Westgate*; W. A. *P. elatior*, With. Not frequent. In moist woods, thickets, and pastures. Burnham Thorpe. Ketteringham. Great Bircham. Pulham. Stanninghall. At Barton Lays in the parish of Fincham; Rev. William Blyth.

2. *P. veris*, L. Cowslip or Paigle. April, May.

Common in pastures, meadows, and on hedge-banks. Stanhoe. Flordon. Winfarthing. Ketteringham. Bixley. *Burnham Westgate*; W. A.

III. LYSIMACHIA. *Loose-Strife.*1. *L. vulgaris*, Great Yellow L. S. July, August.

Not common. Sides of rivers, moist ditches, and bushy places. Bank of the river by the common at Fakenham. *On a ditch-bank* at Thetford. Bank of the river, near

Wayford bridge, Smallburgh. Near the staithe, Langley. Marsh ditches, Cantley. In a moist ditch, Hellington. Wilton. Bank of the river at Blickling. Bawsey; J. B.

2. *L. Nummularia*, L. Creeping L. S. Money-Wort or Herb-Twopence. June, July.

Not uncommon on river and ditch-banks, and damp shady places. Langley. Pulham. Blickling. Near Hartford bridge. Bramerton. Brundall. Heigham by Norwich. Surlingham. Framingham Earl. Cossey. Buckenham Ferry. Hickling staithe. Strumpshaw. Yelverton. Hardley. *Fincham*; W. A.

3. *L. nemorum*, L. Wood L. S. or Yellow Pimpernel. June—August.

Not frequent. In woods and damp shady places. Godwick. Litcham. Aldeborough. Blickling. Gunton. Cossey. Houghton-juxta-Harpley. Leziate; J. B.

IV. *ANAGALLIS*. *Pimpernel*.

1. *A. arvensis*, L. Scarlet P. or Poor Man's Weather-Glass. May—October.

Common in cultivated and waste ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A. Var. *badia*. Waste ground near the heath, Great Bircham. *Reedham*; B. G. In 1865 some seeds of this variety, sown by the Editor, produced dull blue flowers having the petals fringed with glandular hairs. *A. carnea*, Schrank. Road-side near Borough's pit, Burnham Westgate. Another variety, corolla white with pink eye, in a corn-field at Docking.

2. *A. cærulia*, Sm. Blue P. July.

Rare. Sparingly in a sandy lane at Syderstone. *Redenhall*. *Lakenham*, Stradsett; B. G. From *A. arvensis* (scarlet)

impregnated with pollen of the Syderstone plant, the Editor raised a few plants which bore dark purple flowers, but yielded no perfect seed.

3. *A. tenella*, L. Bog P. July, August.

Not uncommon in boggy ground and wet heaths. Crostwick. Dersingham. Saxlingham-Nethergate. Swardeston. Haynford. * Stratton Strawless. Syderstone. Coxford heath. East Walton. Reephams bogs. Horsford. Narborough. Swannington. Hickling. South-Acre; Sk. Bawsey, Grimston; J. B.

V. *CENTUNCULUS*. *Chaff-Weed*.

1. *C. minimus*, L. Small C. W. or Bastard Pimpernel.

Rare. Moist, sandy, or gravelly places. Roughton. Stratton Strawless. *Horsford heath*; F. B. *Edgefield Common*; South Wootton heath, Filby heath; B. G.

VI. *GLANX*. *Black Salt-Wort*.

1. *G. maritima*, L. Common B. S. W. June—August.

Frequent in salt marshes and by muddy estuaries. Thornham. Brancaster. Burnham Overy. Wells. Yarmouth. Blakeney. Holkham. Cley. *Burnham Norton*; W. A. Emneth by the canal, Walsoken by the side of the river Nene; J. B.

VII. *SAMOLUS*. *Brook-Weed*.

1. *S. Valerandi*, L. Common B. W. or Water Pimpernel.

Not unfrequent in salt and other marshes, moist meadows, and watery places. Titchwell. Lynn. Appleton. West Newton. Narborough. Ingham. Brancaster. Burnham Norton. Saxlingham-Nethergate. Barmer. Lyng. Clippesby. Little Barwick. Hoveton St. John. Burnham Overy. *Wroxham*. South-Acre; Sk. Walsoken; J. B.

ORDER LVIII. PLUMBAGINACEÆ.

I. STATICE. *Sea-Lavender*.

1. **S. Limonium**, L. Common S. L. July—September.
Frequent on muddy salt marshes. Holme next the Sea.
Thornham. Titchwell. Brancaster. Burnham Norton.
Wells. Blakeney. *Burnham Overy*; W. A. Burnham
Deepdale; Rev. E. K. Blyth.

2. **S. Bahusiensis**, Fries. Remote flowered S. L. July,
August.

Plentiful on salt marshes at Titchwell. Brancaster.
Burnham Norton. Burnham Deepdale; Rev. E. K. Blyth.

3. **S. caspia**, Willd. Matted S. L. July, August.

Muddy salt marshes. Titchwell. Brancaster. Burnham
Deepdale. Burnham Norton. *Burnham Overy*, Blakeney;
W. A. Wells, Cley, Holme next the Sea; F. B. Between
Hunstanton and Brancaster; Mr. E. L. King.

II. ARMERIA. *Thrift*.

1. **A. maritima**, Willd. Common T. or Sea-Pink. May
—September.

Salt marshes. Titchwell. Brancaster. Burnham Norton.
Wells. *Burnham Overy*; W. A. Burnham Deepdale;
Rev. E. K. Blyth. West Walton; J. B.

ORDER LIX. PLANTAGINACEÆ.

I. PLANTAGO. *Plantain*.

1. **P. major**, L. Greater P. June—August.

Frequent in pastures, waste places, and road-sides.
Crosthwaite. Stanhoe. Sculthorpe. Yelverton. Drayton.
Kenninghall. Postwick. *Burnham Westgate*; W. A.

2. *P. media*, L. Hoary P. June—October.

Frequent in pastures and meadows. Crostwick. Stanhoe. Coltishall. Brampton. Thetford. Hardingham. *Burnham Westgate*; W. A.

3. *P. lanceolata*, L. Rib-Wort P. June, July.

Frequent in pastures and meadows in chalky or sandy soils. Crostwick. Stanhoe. Great Bircham. Snettisham. Swafield. Thetford. Flordon. Cromer. *Burnham Westgate*; W. A. Walsoken; J. B.

4. *P. maritima*, L. Sea-coast P. June—September.

Frequent in salt marshes and grassy pastures near the coast. Titchwell. Brancaster. Burnham Deepdale, Burnham Norton. Wells. Yarmouth. Overstrand. Mundesley. Happisburgh. *Burnham Overy*; W. A. Walsoken; J. B.

5. *P. Coronopus*, L. Buck's-horn P. June, July.

Common in dry gravelly pastures and barren soils. Crostwick. Stanhoe. Brancaster. Great Bircham. Burnham Overy. Mundesley. East Harling. Aylsham. *Burnham Westgate*; W. A. Walsoken, Gaywood; J. B.

II. LITTORELLA. *Shore-weed.*

1. *L. lacustris*, L. Plantain S. W. June, July.

Not common. Wet and marshy places in a sandy soil, and margins of pools. Filby broad. Horsford. Stratton Strawless. *Holt heath*; B. G. St. Faith's Newton; Sk.

ORDER LX. CHENOPODIACEÆ.

I. SUÆDA. *Sea-Blite.*

1. *S. fruticosa*, Forsk. Shrubby S. B. July—October.

Rare. Salt marshes. Holme next the Sea. Titchwell.

Brancaster. Burnham Norton. Burnham Overy. Wells, Cley, Thornham; F. B. *Blakeney*; B. G. Burnham Deepdale; Rev. E. K. Blyth. Previously recorded at Wells and Cley, in W. A.

2. *S. maritima*, Dumort. Annual S. B. July—September.

Frequent in salt marshes. Titchwell. Brancaster. Burnham Norton. Runham. Yarmouth. *Burnham Overy*; W. A.

II. *SALSOLA*. *Salt-Wort*.

1. *S. Kali*, L. Prickly S. W. July, August.

Frequent on sandy sea-shores. Brancaster. Burnham Norton. Wells. Mundesley. Winterton. Palling. *Burnham Overy*; W. A.

III. *CHENOPODIUM*. *Goose-Foot*.

1. *C. olidum*, Curt. Stinking G. F. August, September.

Not common. Sandy waste places. Near the Old Barracks, Yarmouth. Caister by Yarmouth. *St. Martin's at Oak Gates, Norwich*; F. B.

2. *C. polyspermum*, L. Many-seeded G. F. July—September.

Not frequent. Waste places. Stanhoe. Burnham Westgate. Bircham Tofts. Great Bircham. Docking. Gimingham. Sporle. Wheatacre. Alderford.

3. *C. urbicum*, L. Upright G. F. August, September.

Not common. Damp waste places under walls. Stanhoe. Burnham Westgate. South Creak. Newton Flotman. Ludham.

4. *C. murale*, L. Nettle-leaved G. F. June—September.

Not unfrequent. Waste ground near towns and villages.

Croswick. Stanhoe. St. Faith's Lane, Norwich. Caister by Yarmouth. Runham. Yarmouth; Sk.

5. *C. hybridum*, L. Maple-leaved G. F. August.

Rare. Waste places and cultivated ground. Burnham Thorpe. *Earsham*; W. A. Oxburgh; B. G.

6. *C. album*, L. White G. F. July—September.

Common in waste places, fields, road-sides, and on manure heaps. Croswick. Stanhoe. *Burnham Westgate*; W. A.

7. *C. ficifolium*, Sm. Fig-leaved G. F. August, September.

Rare. Waste ground and manure heaps. Stanhoe. In a lane leading from the north gate tower to the Caister road, Yarmouth. Potter Heigham. Diss. Haddiscoe. Catfield. *About Yarmouth and Attleborough*; B. G.

8. *C. rubrum*, L. Red G. F. August, September.

Not common. Cultivated and waste ground. Stanhoe. Cossey. Matlask. Foulsham. Thornham. Near the bridge, Potter Heigham. *Burnham Westgate*; W. A.

9. *C. botryoides*, Sm. Many-spiked G. F. August, September.

Rare. Growing intermixed with *C. olidum* on waste ground under the Old Barracks, and on the bank of the river near where the whalebones stood, Yarmouth. Runham. *Marsh ditches and waste places about Yarmouth*; B. G. Near the Yarmouth Railway Station; Sk.

10. *C. glaucum*, L. Oak-leaved G. F. August, September.

Not common. Rubbish and waste places in a sandy soil. Stanhoe. Brancaster. Bessingham. *Burnham Westgate*; W. A.

11. **C. Bonus-Henricus**, L. Good-King-Henry G. F. May—August.

Frequent in waste ground about towns and villages. Crostwick. Stanhoe. Colby. Mundesley. Little Banningham. Great Bircham. New Buckenham. Methwold. Flitcham. Sustead. Metton. Mannington. *Burnham Westgate*; W. A.

IV. BETA. *Beet*.

1. **B. maritima**, L. Common B. July—September.

Frequent in muddy salt marshes and sandy places on the coast. Brancaster. Burnham Deepdale. Burnham Norton. Wells. Waxham. Thornham. *Burnham Overy*; W. A.

V. SALICORNIA. *Glass-Wort*.

1. **S. herbacea**, L. Common G. W. August, September.

Plentiful in muddy salt marshes. Titchwell. Brancaster. Burnham Norton. Wells. Yarmouth. *Burnham Overy*; W. A. Burnham Deepdale; Rev. E. K. Blyth.

2. **S. radicans**, Sm. Creeping G. W. August, September.

Rare. Muddy salt marshes and muddy banks of creeks, covered at times by tidal waters. Titchwell. Brancaster. Burnham Deepdale. Burnham Norton. Burnham Overy. *Cley, Holme next the Sea, Yarmouth*; B. G.

VI. OBIONE. *Sea-Purslane*.

1. **O. portulacoides**, Moq. Shrubby S. P. July—September.

Frequent on muddy sea-shores. Titchwell. Brancaster. Burnham Norton. Wells. Yarmouth. *Burnham Overy*; W. A.

2. **O. pedunculata**, Moq. Pendunculated O. July—September.

Rare. Muddy shores and salt marshes. Holme next the Sea. Thornham. Near Lynn, Yarmouth; F. B. Braydon; B. G. Previously met with at Thornham by Rev. William Kirby.

VII. ATRIPLEX. *Orache.*

1. **A. littoralis**, L. Grass-leaved O. July—September. Not uncommon in salt marshes. Titchwell. Brancaster. Burnham Norton. Yarmouth. *Burnham Overy*, Blakeney, Wells; W. A.

2. **A. augustifolia**, Sm. Spreading narrow-leaved O. July—October.

Frequent on cultivated and waste ground. Crostwick. Stanhoe. Burnham Westgate. Earlham. Yarmouth. Ingham.

3. **A. erecta**, Huds. Upright Spear-leaved O. July—October.

Frequent on waste and cultivated ground. Crostwick. Stanhoe. Metton. Heigham by Norwich. Colney. Cockley Cley. North Walsham.

4. **A. hastata**, L. Halberd-leaved O. June—October. Not uncommon. Cultivated, waste ground, and salt marshes. Crostwick. Stanhoe. Great Bircham. Diss. Wortwell. Northwold. Brancaster. Yarmouth. Stalham. *Burnham Norton*; W. A.

5. **A. Babingtonii**, Woods. July—September.

Frequent on the sea-coast. Salthouse. Thornham. Burnham Deepdale. Holkham. On the sea-bank at Lynn; Mr. Lowe.

6. **A. arenaria**, Woods. Froasted-Sea O. July—September.

Rare. Sparingly on the sandy shore at Burnham Overy. Once or twice found on Yarmouth Denes; B. G.

ORDER LXI. POLYGONACEÆ.

I. **RUMEX**. *Dock*. *Sorrel*.

1. **R. obtusifolius**, L. Broad-leaved D. May—September.

Common in pastures, waste places, and road-sides. Crostwick. Stanhoe. Burnham Westgate; W. A.

2. **R. crispus**, L. Curled D. June—August.

Common in waste and cultivated ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. **R. conglomeratus**, Murr. June—August.

Not unfrequent in moist and watery places. Elsing. Fakenham. Cossey. South Walsham. Aylsham. Potter Heigham. *Burnham Westgate*; W. A. In marshes at Surlingham; F. B. Gaywood; Mr. Lowe.

4. **R. sanguineus**, L. Red-veined D. July, August.

Rare. Sparingly in a damp shady lane, Cossey. *R. viridis*, Sibth. In woods and shady way-sides. Oulton. Kenninghall. Taverham. Gimingham.

5. **R. pulcher**, L. Fiddle D. July—September.

Not uncommon by road-sides and dry waste places. Stanhoe. Little Barwick. Docking. Fersfield. Burnham Overy. Trunch. Sharnington. *Burnham Westgate*; W. A.

6. **R. maritimus**, L. Golden D. July, August.

Marshy places, chiefly near the sea. In Frankman's

pit, Great Bircham. Potter Heigham. Brancaster. Titchwell. Burnham Overy. About Yarmouth and Acle; B. G.

7. **R. palustris**, Sm. Yellow Marsh D. July—September. Rare. Marshes at Potter Heigham. *Horning*, Acle Dam; F. B.

8. **R. Hydrolapathum**, Huds. Great Water D. July, August.

Frequent. Water-ditches and sides of pools and rivers. Crostwick. Aylsham. Holkham. Narford. Gresham. Worthing. Wilton. Elmham. Thetford. *Burnham Westgate*; W. A.

9. **R. Acetosa**, L. Common Sorrel. May—July. Common. Gravelly heaths, dry pastures, and banks. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

10. **R. Acetosella**, L. Sheep's Sorrel. May—July. Common in meadows and pastures. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

II. POLYGONUM. *Snake-Weed. Persecaria. Knot-Grass. Climbing Buck-Wheat.*

1. **P. Bistorta**, L. Snake-Weed. July, August. Not frequent. Moist meadows and swampy places. Postwick. Heigham by Norwich. Wendling. *Horning*. Surlingham. Potter Heigham. Near Dereham and Broome; B. G. Previously recorded at Heigham by Norwich in F. B.

2. **P. amphibium**, L. Amphibious P. July, August. Not unfrequent in places where water has settled, and by margins and in pools of water and water ditches. Crostwick. *Burnham Sutton*. Smallburgh. Lakenham. Cossey. Hoveton

St. John. Clippesby. Hickling. Elsing. Wilton. Gresham.
Burnham Westgate; W. A. Walsoken; J. B.

3. **P. Persicaria**, L. Spotted P. June—October.

Common in moist, cultivated, and waste ground. Crostwick.
Stanhoe. *Burnham Westgate*; W. A.

4. - **P. lapathifolium**, L. Pale-flowered P. July—August.

Not unfrequent. Waste and cultivated ground and manure
heaps. Crostwick. Stanhoe. Colney. Hethersett. Brampton.
Aylsham. Needham. Haddiscoe. *Burnham Westgate*; W. A.

5. **P. Hydropiper**, L. Biting P. or Water Pepper.
July—September.

Frequent beside wet ditches, rivers, pools, and watery
places. Crostwick. Whitlingham. Limpenhoe. Buckenham
Ferry. Strumpshaw. Buxton. Swafeld. Hockwold.
Hingham. Elsing. Glandford.

6. **P. minus**, Huds. Small Creeping P. August—
September.

Rare. Wet gravelly commons. Stratton Strawless.
Hingham. Cossey common; F. B. *Horsford heath*, Filby
heath; B. G.

7. **P. aviculare**, L. Common Knot-Grass. May—
September.

Common. Waste places, road-sides, and gravelly corn-
fields. Crostwick. Stanhoe. *Burnham Westgate*; W. A.
Walsoken; J. B. *P. littorale*, Link. Sea-shore at Brancaster.

8. **P. Convolvulus**, L. Climbing Buck-Wheat. July—
September.

Frequent in corn-fields and hedges. Crostwick. Stanhoe.
Northwold. Drayton. Thorpe Market. Fersfield. Buxton.
Burnham Westgate; W. A. Walsoken; J. B.

III. FAGOPYRUM. *Buck-Wheat*.

1. **F.* esculentum**, Mœench. Cultivated ground and manure heaps. Crostwick. Oxburgh. Little Barwick. Drayton. Cossey. *Burnham Westgate*; W. A.

ORDER LXII. THYMELACEÆ.

I. DAPHNE. *Mezereon. Spurge Laurel*.

1. **D. Mezereum**, L. Mezereon. March.

Rare. Plentifully in an ancient wood called the "Hurdle Wood" at Little Barwick. Some of the plants at that station bearing white flowers. *Ditchingham*; B. G.

2. **D. Laureola**, L. Spurge Laurel. February—May.

Not uncommon in woods, thickets, and hedges, especially in a clayey soil. Burnham Norton. Burnham Overy. Framingham Pigot. Walsingham. Barnham Broom. Eccles. Bixley. Matlask. North Pickenham. Rollesby. *Burnham Westgate*; W. A. Guestwick; Sk.

ORDER LXIII. ELÆAGNACEÆ.

I. HIPPOPHÆ. *Sea-Buckthorn*.

1. **H. rhamnoides**, L. S. B. or Sallow-Thorn. May—July.

In great abundance on the sandy wastes and sand hills on the coast at Winterton. Caister by Yarmouth. *Holkham*, Cley, Sherringham; W. A. Plentiful on the cliffs between Yarmouth and Cromer; F. B. Between Cromer and Mundesley, sand hills at Hemsby: B. G.

ORDER LXIV. SANTALACEÆ.

I. THESIUM. *Bastard-Toadflax.*

1. **T. linophyllum**, Sm. Flax-leaved B. T. May—July.
Rare. Dry upland chalky pastures and heaths. *Fincham*,
Lime-Kiln hill, Shouldham ; W. A.

ORDER LXV. ARISTOLOCHIACEÆ.

I. ARISTOLOCHIA. *Birth-Worth.*

1. **A. Clematitis**, L. Common B. W. June—September.
Among the ruins of Carrow Abbey, Norwich. Previously
recorded as growing there in F. B.

ORDER LXVI. EUPHORBIACEÆ.

I. EUPHORBIA. *Spurge.*

1. **E. Helioscopia**, L. Sun S. June—October.
Common in waste and cultivated ground. Crostwick.
Stanhoe. Burnham Westgate ; W. A.
2. **E. Peplus**, L. Petty S. June—September.
Common in waste and cultivated ground. Crostwick.
Stanhoe. Burnham Westgate ; W. A.
3. **E. exigua**, L. Dwarf S. July—October.
Frequent. In corn-fields and waste places. Crostwick.
Stanhoe. East Harling. Aylsham. Great Melton. Swafield.
Burnham Westgate ; W. A.
4. **E. amygdaloides**, L. Wood S. March—May.
Not uncommon in woods, thickets, and ditch-banks in a
stiff soil. Framingham Pigot. Barnham Broom. Godwick.
Bixley. Kenninghall. Little Dunham. Stratton Strawless.

II. MERCURIALIS. *Mercury.*

1. *M. perennis*, L. Perennial or Dog's M. March—May.
Common in woods and shady ditch-banks. Crostwick.
Stanhoe. Town Barningham. Shotesham.
2. *M. annua*, L. Annual M. July—October.
Not common. Cultivated and waste ground. Growing
as a weed in the Rectory garden, Crostwick. Thetford.
Yarmouth. Abundant about Norwich.

ORDER LXVII. CERATOPHYLLACEÆ.

I. CERATOPHYLLUM. *Horn-Wort.*

1. *C. demersum*, L. Common H. W. June—August.
Frequent in slow streams and water ditches. Crostwick.
Burnham Overy. Swardeston. Strumphaw. Titchwell.
Hoveton St John. Horning. *Burnham Westgate*; W. A.
2. *C. submersum*, L. Unarmed H. W. June—August.
Marsh ditches at Norton-Subcourse. Burnham Norton.
About Yarmouth; Sk.

ORDER LXVIII. CALLITRICHACEÆ.

I. CALLITRICHE. *Water-Star-Wort.*

1. *C. verna*, L. Vernal W. S. W. April—September.
Common in slow streams, ponds, and ditches. Crostwick.
Lakenham, Ranworth. Wymondham. *Burnham Westgate*;
W. A.
2. *C. platycarpa*, Kutz. May—September.
Common in muddy ponds and ditches. Burnham Norton.
Pulham St. Mary the Virgin. Gissing. Ludham.

ORDER LXIX. URTICACEÆ.

I. URTICA. *Nettle.*

1. *U. pilulifera*, L. Roman N. June—August.

Rare. Waste ground about towns. On the Caister road near the workhouse, Yarmouth. On rubbish and under walls about Yarmouth; W. A. *U. Dodartii*, L. Upwell; H. and A. B. F.

2. *U. urens*, L. Small N. June—September.

Common in waste and cultivated ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. *U. dioica*, L. Great N. June—September.

Common in hedge-banks, waste places, and under walls. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

II. PARIETARIA. *Pellitory.*

1. *P. officinalis*, L. Wall P. June—October.

Not uncommon on and under old walls, and occasionally on banks. On the church, Crostwick. On the church, Stanhoe. Glandford. Bradeston. Pulham. East Dereham. Mundesley. Felmingham. Cromer. North Walsham. Overstrand. Banks adjoining the salt marshes, Brancaster. *Burnham Westgate*, W. A. Lynn; J. B.

III. HUMULUS. *Hop.*

1. *H. Lupulus*, L. Common H. July, August.

Frequent in thickets and hedges. Crostwick. Stanhoe. Yelverton. Dersingham. Redenhall. Denton. Great Cressingham. Yelverton. Hoo. Trunch. Town Barningham. ~~Kenninghall~~. Colney. Itteringham. North Pickenham. *Burnham Westgate*; W. A.

ORDER LXX. ULMACEÆ.

I. ULMUS. *Elm.*

1. *U. campestris*, Sm. Common E. March—May.
Common in woods, hedges, and thickets. Crostwick.
Stanhoe. *Burnham Westgate*; W. A.
2. *U. montana*, With. Wych E. March, April.
Frequent in woods, thickets, and hedges in shady lanes.
Crostwick. Stanhoe. Cossey. Blickling. Gunton.
Burnham Westgate; W. A.

ORDER LXXI. AMENTIFERÆ.

I. MYRICA. *Gale.*

1. *M. Gale*, L. Sweet G. or Bog Myrtle. May.
Somewhat rare. Old Buckenham fen. Horning. Cantley.
Dersingham. Limpenhoe. Buckenham; Sk. Grimston,
Roydon; J. B.

II. BETULA. *Birch.*

1. *B. alba*, L. Common B. April, May.
Frequent in woods and hedges. Stratton Strawless.
Cossey. Drayton. Blickling. *Burnham Westgate*; W. A.

III. ALNUS. *Alder.*

1. *A. glutinosa*, Gært. Common A. March, April.
Frequent on banks of streams and in moist woods.
Crostwick. Cantley. Horning. *Burnham Westgate*; W. A.

IV. SALIX. *Willow. Osier.*

1. *S. fragilis*, L. Crack W. April, May.
Near Shotesham; W. A. *S. decipiens*, Hoffm. White

Welsh or varnished W. *In osier grounds, but probably not wild*; B. G.

2. **S. alba**, L. Common White W. May.

Frequent. Sides of rivers, streams, and water ditches. Crostwick. Swardeston. Intwood. Wretton. Shereford. Dilham. Itteringham. Worthing. Oxnead. *S. vitellina*, Sm. Golden O. Low pastures near Watton; W. A. Ovington, near Watton, abundantly, and truly wild; F. B.

3. **S. triandra**, L. Blunt-stipuled triandrous W. April—June.

On banks of rivers and by water ditches. Not unfrequent. St. Faith's Newton. Yelverton. Buxton. Sutton. Lakenham; W. A. *S. amygdalina*, L. Almond-leaved W. Cantley. Ringland. Badley moor by Dereham; F. B.

4. **S. purpurea**, L. Bitter purple W. March—May.

King-street meadows, Norwich; W. A. Meadows between Thorpe and Norwich; F. B. *S. Lambertiana*, Sm. Boyton W. Near Norwich; H. B. F.

5. **S. Forbyana**, Sm. Basket O. April.

At Fincham; in several osier grounds, near Lynn; F. B.

6. **S. viminalis**, L. Common O. April, May.

Frequently in watery places and osier grounds. Burnham Thorpe. Surlingham. Hickling. Aldeford. Skepton. Aldborough.

7. **S. cinerea**, L. Grey W. April, May.

Frequent in damp woods, swampy places, and by riversides. Surlingham. Ranworth. East Carleton. Mileham. "Norfolk"; W. A. *S. oleifolia*, Sm. Olive-leaved W. "Not uncommon in various parts of the county"; B. G. "Abundant in Norfolk"; H. B. F.

8. *S. aurita*, L. Round-eared W. May.

Frequent in moist woods and thickets. Crostwick. Worstead. Edgefield. Sparham. Cossey.

9. *S. caprea*, L. Great Sallow W. April, May.

Frequent. Dry woods and hedges. Crostwick. Langley. Drayton. Gunton.

10. *S. nigricans*, Sm. Dark-leaved W. April, May.

Wrongay fen; F. B. *S. cotinifolia*, Sm. Quince-leaved W. "Found in Norfolk by Mr. Crowe"; B. G. *S. hirta*, Sm. Hairy-branched W. "Found in Norfolk by Mr. Crowe"; B. G.

11. *S. Croweana*, Sm. April, May.

Cranberry fen, in the parish of East Winch, and in other parts of Norfolk; F. B. "*Mr. Crowe never saw more than one tree of this willow wild in Norfolk, which was on his estate at East Winch*"; B. G.

12. *S. repens*, L. Creeping W. March, April.

Frequent in wet, sandy, and boggy heaths. Dersingham. Old Buckenham fen. Stratton Strawless. *S. fusca*, Sm. Brownish Dwarf W. Felthorpe. Horsford. Reepham. Narborough. *S. argentea*, Sm. Silky Sand W. *St. Faith's Newton*; F. B. On Poringland heath; B. G.

V. *POPLUS*. *Poplar*.1. *P. alba*, L. White P. March.

Moist woods and hedges. Gunton. Foxley. *Burnham Westgate*; W. A.

2. *P. canescens*, Sm. Gray P. March, April.

Moist woods and banks of rivers. Cossey. Ringland. Westwick. Edgefield. Frequent in Norfolk; Sm.

3. **P. tremula**, L. Aspen. March, April.

Woods. Godwick. Gunton.

4. **P. nigra**, L. Black P. April.

Not unfrequent by river banks and moist places. Hon-
ingham. Morton. Oxnead. Billingford. Cossey.

VI. FAGUS. *Beech*.

1. **F. sylvatica**, L. Common B. May.

Common in woods and hedges in chalky soils. Horstead.
Felbrigg. Walsingham. *Burnham Westgate*; W. A.

VII. QUERCUS. *Oak*.

1. **Q. Robur**, L. Common O. April, May.

Frequent in woods and hedges. Crostwick. Stanhoe.
Cossey. Gunton. *Burnham Westgate*; W. A.

VIII. CORYLUS. *Hazel*.

1. **C. Avellana**, L. Common H. February—April.

Frequent in woods, copses, and hedges. Little Barwick.
Godwick. Ringland. Beeston by Norwich. Drayton.
Bunwell.

IX. CARPINUS. *Hornbeam*.

1. **C. Betulus**, L. Common H. April, May.

Not frequent. Woods and hedges in a clayey soil.
Gunton. Little Dunham. Ketteringham. Bunwell. *Burn-
ham Westgate*; W. A.

ORDER LXXII. CONIFERÆ.

I. PINUS. *Fir*.

1. **P.* sylvestris**, L. Scotch F. May, June.

Woods and heaths. Horsford. Felthorpe. Stratton
Strawless. Houghton-juxta-Harpley.

II. JUNIPERUS. *Juniper*.

1. **J. communis**, L. Common J. May.

Very sparingly on Coxford heath. Horning; Mr. William Winter.

III. TAXUS. *Yew*.

1. **T.* baccata**, L. Common Y. March.

Woods. Blickling. Gunton. Cossey.

MONOCOTYLEDONES.

ORDER LXXIII. DIOSCOREACEÆ.

I. TAMUS. *Black-Bryony*.

1. **T. communis**, L. Common B. B. May—July.

Not unfrequent in hedges and thickets. Crostwick. Burnham Thorpe. Taverham. Arminghall. Godwick. Shotesham. Aylsham. Aldborough. Thurgarton. Clippesby. East Ruston. Reepham. Banham. Thorpe Abbots. Halvergate. Barnham Broom.

ORDER LXXIV. TRILLIACEÆ.

I. PARIS. *Herb-Paris*.

1. **P. quadrifolia**, L. Common H. P. May, June.

Not frequent. Moist shady woods. Godwick. Litcham. Gunton. Town Barningham. Mileham. Bawdeswell. *Gressinghall and Wendling cars, Foxley wood in great abundance, Spitting wood near Loddon, Tindall wood near Ditchingham, Blackwell and Pismill woods, Bedingham wood*; B. G. Rackheath wood; Mrs. Arkwright. In the Black wood *Colney, Hindolveston*; Sk.

ORDER LXXV. HYDROCHARIDACEÆ.

I. ANACARIS. *Water-Thyme.*1. *A. Alsinastrum*, Bab. July—September.

Abundant in rivers, lakes, ponds, and ditches. Hellesdon. Cossey. Taverham. Bramerton. Ringland. Postwick. Buckenham Ferry. Cantley. Wilton. Langley. Reedham. Hardley. Stoke ferry. Strumpshaw. Worthing. Blickling. Elmham. Antingham ponds. Fakenham. Aylsham. Norwich. Trowse. Eaton. Swafeld. Ingworth. Acle. Wroxham. Bishopsthorpe. In a pond at Swainsthorpe: where, as far as recorded, the plant was first met with in Norfolk. In a communication from me which appeared in *Phytol. CLI.*, p. 1144, respecting the Swainsthorpe station, the generic and specific name above given were changed in print to *Udora Canadensis*.

II. HYDROCHARIS. *Frog-bit.*1. *Morsus-ranæ*. L. Common F. July, August.

Abundant in ditches and ponds in some districts, but not general. Crostwick. Norwich. Horning. Postwick. Acle. Yarmouth. Stokesby. Cossey. Lynn. Waxham. Aylsham. Elmham. Wilton. Elsing. Stoke ferry. Worthing. Blickling. Ingham. Reedham. Trowse. Cantley. *Earlham*; W. A. Grimston; J. B.

III. STRATIOTES. *Water-Soldier.*1. *S. aloides*, L. July, August.

Common in pools and ditches in fens, and marshes near the sea. Ranworth. Belaugh. Wormgay. Horning. Ingham. Reedham. Hickling. Strumpshaw. Rockland.

Cantley. Surlingham. Brundall. Acle dam, Haddiscoe dam, Hoveton; B. G. Buckenham; Sk. Hilgay fen; Rev. Wm. Blyth.

ORDER LXXVI. ORCHIDACEÆ.

I. ORCHIS.

1. *O. morio*, L. Green-winged Meadow O. May, June.

Not unfrequent in meadows. In the churchyard, Crostwick. Wolverton. Postwick. Town Barningham. Godwick. Runham. Stibbard. Melton Constable. Shelfanger. Winfarthing. Burnham Thorpe. Sprowston. Bixley. *Burnham Westgate*; W. A. Walsoken; J. B.

2. *O. mascula*, L. Early Purple O. April, May.

Frequent. Moist meadows, pastures, and woods. Crostwick. Sprowston. Flordon. Burnham Thorpe. Bunwell. Besthorpe. Kimberley. Swanton Morley. Great Witchingham. Wickmere. Burnham Westgate. Walsoken; J. B.

3. *O. ustulata*, L. Dwarf O. May, June.

Rare. Chalky upland pastures. Shouldham lime kiln; B. G.

4. *O. maculata*, L. Spotted Palmate O. May—July.

Frequent. Moist pastures, heaths, and open woods. In the churchyard, Crostwick. Burnham Westgate. Little Barwick. Mileham. Wolterton. Melton Constable. Gissing. Colkirk. Burnham Thorpe. Postwick. Buxton. Yelverton. Walsoken; J. B.

5. *O. latifolia*, L. March O. June, July.

Common. Marshes, wet meadows, and pastures. Crostwick. Dersingham. Dilham. Aslacton. Tibbenham. Billingford. Burnham Thorpe. Langley. Alington. *Burnham Westgate*; W. A.

6. *O. pyramidalis*, L. Pyramidal O. July, August.

Not uncommon in woods, pastures, and hedge-banks in chalky soils. Stanhoe. Burnham Norton. Ringstead. Thorpe Market. Horstead. Walsingham. Burnham Overy. Hillington. *Burnham Westgate*; W. A. Hardy's grove, Heigham by Norwich; Sk. Burnham Deepdale; Rev. E. K. Blyth.

II. GYMNADENIA.

1. *G. conopsea*, R. Br. Fragrant G. June—August.

Rare. Sparingly on the common at Wacton. Ellingham fen; B. G.

III. HABENARIA. *Frog-Orchis. Butterfly-Orchis.*

1. *H. viridis*, R. Br. Green H. or F. O. June—August.

Not common. St. Faith's Newton bogs, Ditchingham, Diss, Fitcham, and Barton Bendish; B. G.

2. *H. bifolia*, R. Br. Butterfly O. June—August.

Not uncommon in moist meadows, heaths, and woods. Dersingham. Edgefield. Bunwell. Felmingham. Wilton. Kimberley. Godwick. Reepham. Wacton. Stratton Strawless. Shottesham. Horning. Haynford. *Keswick*; W. A. Barton; Rev. Wm. Blyth.

3. *H. chlorantha*, Bab. May, June.

Not uncommon. Moist woods and thickets. Wickmere. Cossey. Oxnead. Kimberley. Godwick. Whitwell. Wolterton. Town Barningham.

IV. ACERAS. *Man-Orchis.*

1. *A. anthropophora*, R. Br. Green M. O. June.

Not common. Braconash, Ashwelthorpe, Fornsett; F. B. Tacolneston, Mendham; B. G. Marham; Rev. Wm. Blyth.

V. OPHEYS.

1. *O. apifera*, Huds. Bee-Orchis. July, August.

Chalky pastures, chalk pits, and woods. In a chalk pit in the parsonage glebe, Stanhoe. Flordon. Walsingham. Thorpe Market. Lammas. Godwick. Buxton. Yelverton. Hardingham. *Burnham Westgate*, Earlham, Mulbarton; W. A. Near Hingham, Harleston, Denton, Gillingham; B. G. Guestwick; Sk.

2. *O. muscifera*, Huds. Fly-Orchis. May—July.

Rare. Earsham wood, Tacolnestone; F. B. *Bath hills*, *Ditchingham*, Fincham; B. G.

VI. HERMINIUM.

1. *H. Monorchis*, R. Br. Musk-Orchis. June, July.

Rare. *Roydon fen*, chalk pit at Marham, near Snettisham; B. G.

VII. MALAXIS.

1. *M. paludosa*, Sw. Bog-Orchis. July—September.

Somewhat rare. Spongy bogs. Stratton Strawless. Holt Lows, Edgefield heath; F. B. Felthorpe bog, Cawston heath; B. G.

VIII. STURMIA.

1. *S. Loeselii*, Reich. June, July.

Very rare. St. Faith's Newton bogs; F. B.

IX. SPIRANTHES. *Lady's-Traces*.

1. *S. autumnalis*, Rich. Fragrant L. T. July—September.

Rare. On Crostwick common. Bedingham green; B. G. Fincham; Rev. Wm. Blyth. Walsoken; J. B.

X. LISTERA. *Tway-Blade*.

1. **L. ovata**, R. Br. Common T. B. May—July.

Not unfrequent. Woods, moist shady pastures, and thickets. Burnham Westgate. Godwick. Little Barwick. Cossey. Mundford. Godwick. Kimberley. Town Barn-ingham. Oulton. Foxley. Arminghall. Bunwell. Fram-ingham Earl. Surlingham. *Keswick*; W. A. Wood Norton; Sk. Burnham Deepdale; Rev. E. K. Blyth. Walsoken, Emneth; J. B.

XI. NEOTTIA.

1. **N. Nidus-avis**, Rich. Bird's-Nest.

Occasionally in damp woods and shady places. Burnham Thorpe. Godwick; Miss Trimmer. *Hedenham and Tinchall woods*, about Heydon, Gawdy-hall wood near Harleston; B. G. Wood Norton; Sk.

XII. EPIPACTIS. *Helleborine*.

1. **E. latifolia**, Sw. Broad-leaved H. July, August.

Rare. In a fir plantation near Hyde park, Docking. In a shady grove near the hall, Docking. In a shady lane near the church, Framingham Earl.

2. **E. palustris**, Sw. Marsh H. July, August.

In marshy and watery places. Horsford. Stratton Strawless. Shotesham. Surlingham. Hoveton St. John. Reepham. Cossey; W. A. *Between Limpenhoe and Cantley, Edgefield, Hanworth, Horning, Broome fen*, Ellingham, Geldeston, and Roydon fens, Caister and Runham, near Yarmouth, St. Faith's Newton bogs; B. G. Yaxham fen; Rev. E. K. Blyth. Grimston; J. B.

ORDER LXXVII. TRIDACEÆ.

I. IRIS. *Flag.*

1. **I. Pseud-acorus**, L. Yellow F. May—August.

Frequent by sides of rivers, and in marshy and watery places. Crostwick. Burnham Norton. Heigham by Norwich. Hapton. Wilton. Antingham. Worthing. Hickling. Ingham. Ranworth. Horning. Wroxham. Postwick. Aylsham. *Burnham Westgate*; W. A.

2. **I. foetidissima**, L. Gladdon. May—July.

“Not rare in woods in Norfolk;” F. B. *Very abundant on the Bath hills, Ditchingham, at Cromer and Weybourne, near Binham*; B. G.

II. CROCUS.

1. **C.* vernus**, Willd. Spring C. March.

Rare. In Mendham long lane; B. G.

ORDER LXXVIII. AMARYLLIDACEÆ.

I. NARCISSUS.

1. **N. Pseudo-narcissus**, L. Daffodil. March, April.

Not frequent. Moist woods and meadows. Ingleshorpe. Buxton. Emneth. Deepham. Garveston. Rackheath; Miss Clitherow. Berghapton, Alington; Miss Bawtree.

2. **N.* biflorus**, Curt. Pale N. April, May.

Rare. *Worstead*; B. G.

3. **N.* poeticus**, D. N. of the Poets. May.

Rare. Woodbastwick; W. A. Between Ranaugh and *Salhouse, near the churchyard, Hevingham*; B. G.

II. GALANTHUS. *Snowdrop.*

1. **G.* nivalis**, L. Common S. February, March. .
Woods and pastures. Little Barwick. *Worstead*; B. G.

ORDER LXXIX. LILILACEÆ.

I. ASPARAGUS.

1. **A. officinalis**, L. Common A. June—August.
Rare. On the sea-coast. Burgh near Beccles; B. G.

II. CONVALLARIA.

1. **C. majalis**, L. Lily of the Valley. May, June.
Not unfrequent. Woods and copices. Godwick. Mileham.
Cossey. Bishopsthorpe. Stratton Strawless. Hevingham.
Bunwell. Blickling. West Harling; Rev. E. H. Gibbon.
Wolferton; Rev. John Freeman.

III. POLYGONATUM. *Solomon's Seal.*

1. **P. officinale**, All. Angular S. S. May, June.
Rare. Near Yarmouth; F. B.
2. **P. multiflorum**, All. Common S. S. May, June.
Rare. Woods at Rackheath; Miss Clitherow.

IV. RUSCUS. *Butcher's Broom.*

1. **R. aculeatus**, L. Common B. B. March, April.
Rare. Hethel woods; W. A.

V. TULIPA. *Tulip.*

1. **T. sylvestris**, L. Wild T. April, May.
Rare. Old chalk pits near Norwich. The chalk pits
intended are probably those at Crown Point between Whit-

lingham and Trowse, where the plant was first observed by Mr. Hugh Rose towards the close of the last century ; E. *Cromer-hall wood, very plentifully* ; B. G.

VI. FRITILLARIA. *Fritillary.*

1. **F. Meleagris**, L. Common F. or Snake's-Head. April, May.

Rare. In fields near the long lane, Mendham ; B. G.

VII. ORNITHOGALUM. *Star of Bethlehem.*

1. **O. umbellatum**, L. Common S. B. May, June.

Not frequent. Woods, thickets, meadows, and banks. On a bank at Crostwick. Earham. Honingham. *Burnham Westgate* ; W. A. Baburgh, Old Buckenham ; B. G.

2. **O.* nutans**, L. Drooping S. B. April, May.

Rare. Pastures and woods. *Burnham Westgate* ; W. A. Crostwick wood ; B. G. This wood so called is in the parish of Stanninghall ; E.

VIII. ALLIUM. *Garlic.*

1. **A.* Ampeloprasum**, L. Great-round-headed G. June—August.

Rare. In a hedge-bank in the lane near the ruins of St. Margaret's chapel, Sprowston.

2. **A. oleraceum**, L. Streaked Field G. July, August.

Rare. In a hedge-bank on the road leading from Lakenham to Hartford bridge. In a field at Fincham ; F. B.

3. **A. vineale**, L. Crow G. June, July.

Rare. Near Norwich ; W. A.

4. **A. ursinum**, L. Broad-leaved G. or Ramsons. June, July.

Not frequent. Damp woods, hedges, thickets, and moist pastures. Castle Rising. Arminghall. Framingham Pigot. By the edge of the moat round the castle at Gresham. Sustead. Guestwick, Coney; Sk. Rackheath; Mrs. Arkwright.

IX. AGRAPHIS. *Blue-Bell*.

1. **A. nutans**, Link. Common B. B. or Wild Hyacinth. April—June.

Damp woods, thickets, pastures, and shady hedge-banks. Plentiful in some districts, but not general. In the churchyard, Crostwick. Stanninghall. Horstead. Castle Rising. Framingham Pigot. Bunwell. Cossey. Aylsham. Sprowston. Godwick. Arminghall. Little Dunham. Bishopsthorpe.

X. MUSCARI. *Grape-Hyacinth*.

1. **M.* racemosum**, Mill. Starch G. H. May.

Rare. On the city walls by Augustine's gates, Norwich. On St. Bennet's Abbey; Rev. H. Bolton.

ORDER LXXX. COLCHICACEÆ.

I. COLCHICUM. *Meadow-Saffron*.

1. **C. autumnale**, L. Common M. S.

Rare. In a meadow at Pulham; B. G.

ORDER LXXXI. JUNCACEÆ.

I. NARTHECIUM. *Bog-Asphodel*.

1. **N. ossifragum**, Huds. Lancashire B. A. June—August.

Turfy bogs. Abundant in parts of the County, but not

general. Dersingham. Old Buckenham. Horsford. Leziate. Horning. Felthorpe. Scarning. Hoveton St. John. Stratton Strawless. *Fincham*; W. A. Bawsey, Grimston; J. B.

II. JUNCUS. *Rush.*

1. *J. effusus*, L. Soft R. June—August.

Common. Wet pastures and marshy ground. Crostwick. Fersfield. South Walsham. *Earlham*; W. A. Gaywood; Mr. Lowe.

2. *J. conglomeratus*, L. Common R. July, August.

Common. Marshes and wet places. Crostwick. Ingles-thorpe. *Burnham Westgate*; W. A.

3. *J. glaucus*, Sibth. Hard R. July.

Common in pastures and by road-sides in moist soils. Crostwick. Great Bircham. *Burnham Westgate*; W. A.

4. *J. acutiflorus*, Ehrh. Sharp-flowered jointed R. June—August.

Common in boggy ground. Wroxham. Horning. *Burnham Norton*; W. A.

5. *J. lamprocarpus*, Ehrh. Shining fruited jointed R. July, August.

Frequent in watering places and boggy ground. Hoveton St. John. Filby. Surlingham. *Burnham Westgate*; W. A.

6. *J. obtusiflorus*, Ehrh. Blunt-flowered jointed R. August.

Rare. Wet marshes. South Walsham. Limpenhoe; W. A. *Broome* and Ellingham Fens; B. G.

7. *J. supinus*, Mœnch. June, July.

Rare. Wet sandy heaths and boggy ground. Cantley. Scarning. *Dersingham*; W. A. Bawsey Common; Mr. Lowe.

8. *J. compressus*, Jacq. Round-fruited R. June—August.

Not frequent. Wet meadows and salt marshes. Beighton. Ingham. Horsey. *Burnham Westgate*; W. A. Salt water ditches near Yarmouth; B. G.

9. *J. squarrosus*, L. Heath R. June, July.

Frequent on wet heaths and turfy bogs. Horning. Edgefield. Roydon. Old Buckenham. *Dersingham*.

10. *J. bufonius*, L. Toad R. July, August.

Frequent in wet gravelly heaths and muddy places. Crostwick. *Dersingham*. Aldeburgh. Hoveton St. John. Thuxton.

11. *J. maritimus*, Sm. Lesser sharp sea R. July, Aug.

Not frequent. Salt marshes. Titchwell. Brancaster. Burnham Overy. Holkham. *Burnham Norton*; W. A. Cley; F. B.

12. *J. acutus*, L. Great sharp sea R. July, August.

Rare. Salt marshes. Titchwell. Brancaster. Cley; F. B. Previously recorded at Brancaster in F. B.

III. *LUZULA*. *Wood-Rush*.1. *L. sylvatica*, Bich. Great hairy W. R. April, June.

Not common. On shady hilly places and in woods. In plantations on each side of Telegraph Lane, Bishopsthorpe. Woods at Houghton-juxta-Harpley. Felthorpe. Stratton Strawless. Haynford. The Rosary, Thorpe Hamlet; Sk.

2. *L. pilosa*, Willd. Hairy W. R. March—May.

Not unfrequent. In woods and on banks. Bagthorpe. Little Barwick. Blickling. Houghton-juxta-Harpley. Stratton Strawless. Felthorpe. Cossey. Haynford.

3. *L. campestris*, Willd. Field W. R. April, May.

Common. Meadows, pastures, and heaths. Crostwick. Stanhoe. Great Bircham. Burnham Westgate. Whitlingham. *Dersingham*; W. A.

ORDER LXXXII. ALISMACEÆ.

I. ALISMA. *Water-Plantain*.

1. *A. Plantago*, L. Greater W. P. July—September.

Frequent in wet ditches, and margins of pools and rivers. Crostwick. Worthing. Ingham. Wilton. Riddlington. Stoke Ferry. Aylsham. Heigham by Norwich. Hickling. *Burnham Westgate*; W. A. Walsoken, Grimston; J. B.

2. *A. ranunculoides*, L. Lesser W. P. June—August.

Not Common. Wet places on heaths, and in turfy bogs. *Dersingham*. Swannington. Narborough. Cantley. Cossey. Witton. Wilton. Ingham. Old Buckenham. Ellingham Fen; W. A. *St. Faith's Newton*; F. B. Poringland heath, Filby and Rollesby heaths; B. G. Cossey; Sk. Grimston; J. B.

II. SAGITTARIA. *Arrow-Head*.

1. *S. sagittifolia*, L. Common A. H. July, August.

Frequent in water-ditches, rivers, and margins of pools. Crostwick. Aylsham. Wilton. Hardley. Dunton. Scole. Fakenham. Inglesthorpe. Buxton. *Earlham*; W. A. *Setehe*; J. B.

III. BUTOMUS. *Flowering-Rush.*

1. *B. umbellatus*, L. Common F. R. June, July.

Not frequent. In rivers and water-ditches. Buxton. Heigham by Norwich. Bishopsthorpe. Aylsham. Horstead. Cossey. Brundall. Wootton. Inglesthorpe. Blickling. Horning. Hoveton St. John. *Stow*; W. A. *Earsham*; B. G. *Walsoken*; J. B.

IV. TRIGLOCHIN. *Arrow-Grass.*

1. *T. palustre*, L. Marsh. A. G. July, August.

Frequent in wet meadows and marshy places. Crostwick. Potter Heigham. Horstead. Holkham. Ingham. Swardeston. Runham. Acle. Aylsham. Surlingham. *Cossey*; W. A.

2. *T. maritimum*, L. Salt-Marsh A. G. May—September.

Not unfrequent in salt marshes. Holme next the Sea. Titchwell. Holkham. Thornham. Brancaster. Burnham Overy. Wells. Cley. Yarmouth. *Burnham Norton*; W. A.

ORDER LXXXIII. TYPHACEÆ.

I. TYPHA. *Reed-Mace.*

1. *T. latifolia*, L. Great R. M. July, August.

Frequent on the margins of pools, and in watery places and brackish ditches. Titchwell. Brancaster. Scottow. Pulham. Yelverton. Horstead. Belaugh. Surlingham. Buckenham Ferry. Aylsham. Howe. *Stow*; W. A.

2. *T. augustifolia*, L. Lesser R. M. June, July.

Less frequent than the preceding species, in similar situations, and sometimes intermixed with it. Burnham Sutton. Acle. Brundall. Yelverton. Howe. Cantley. Little Melton. Hingham. Thuxton. *Stow*; W. A. *St. Faith's Newton*; F. B. *Earsham*; B. G.

II. SPARGANIUM. *Bur-Reed*.1. *S. ramosum*, Huds. Branched B. R. July.

Frequent in water ditches and banks of rivers. Crostwick. Burnham Thorpe. Belaugh. Postwick. Trowse. Aylsham. Horning. Worthing. Stoke Ferry. Oxnead. Billingford. Stalham. *Burnham Westgate*; W. A. Burnham Deepdale; Rev. E. K. Blyth.

2. *S. simplex*, Huds. Unbranched B. R. July.

Frequent in water ditches, sides of pools, and old watery gravel pits. Crostwick. Holkham. Oxnead. Swannington. Wroxham. Clippesby. Elsing. Scole. Stokesby. Norton Subcourse. Burnham Thorpe. Whitlingham. *Burnham Westgate*; W. A. Burnham Deepdale; Rev. E. K. Blyth.

3. *S. natans*, L. Floating B. R. August.

Not common. In still and running waters. In the river at Thirne. Horning. St. Faith's Newton Bogs; B. G. Wood Norton; Sk. Oxburgh Fen; Rev. Wm. Blyth. Yaxham Fen; Rev. E. K. Blyth.

ORDER LXXXIV. ARACEÆ.

I. ARUM. *Cuckoo-Pint*.

1. *A. maculatum*, L. Common C. P. Wake-Robin, or *Lords and Ladies*. April, May.

Common in groves, thickets, and shady hedge-banks. Crostwick. Stanhoe. Burnham Westgate. *Earlham*; W. A. Walsoken; J. B.

II. ACORUS.

1. **A. Calamus**, L. Sweet-Flag. June.

Not unfrequent. Rivers and water-ditches. Bramerton. Strumpshaw. Rollesby. Buckenham Ferry. Aylsham. Cossey. Heigham by Norwich. Thirne. Antingham-ponds. *Near Gunton*, in the river at Reedham and thence to Norwich; B. G.

ORDER LXXXV. LEMNACEÆ.

I. LEMNA. *Duck-Weed*.1. **L. trisulca**, L. Ivy-leaved D. W. June, July.

Frequent in stagnant waters. Crostwick. Titchwell. Horning. Heigham by Norwich. Aylsham. Brancaster. Strumpshaw. *Burnham Westgate*; W. A.

2. **L. minor**, L. Lesser D. W. June, July.

Common in stagnant waters. Crostwick. Bishopsthorpe. Horning. *Cossey*; W. A.

3. **L. polyrrhiza**, L. Greater D. C.

Not uncommon. Stagnant waters. Heigham by Norwich. Cossey. Horning. Wroxham. Strumpshaw. Ingham. Surlingham. Holkham. Aylsham.

4. **L. gibba**, L. Gibbous D. W. June—August.

Not uncommon. Stagnant waters. Westwick. Brancaster. Burnham Norton. Holkham. Heigham by Norwich. Surlingham. The four species grow intermixed in a brackish ditch at Titchwell. *Burnham Westgate*; W. A.

ORDER LXXXVI. NAIDACEÆ.

I. *ZOSTERA. Grass-Wrack.*

1. **Z. marina**, L. Common G. W. July, August.

Common in estuaries, mouths of tidal rivers and brackish lakes. Thornham. Holkham. Wells. Blakeney. Braydon. *Burnham Overy*, Yarmouth; W. A.

ORDER LXXXVII. POTAMOGETONACEÆ.

I. POTAMOGETON. *Pond-Weed.*

1. **P. natans**, L. Broad-leaved P. W.

Frequent in pools and slow streams. In the brook at Crostwick. Burnham Sutton. Scole. Blickling. Carbrooke. North Pickenham. Swardeston. Attleburgh. Hockering. Booton. Hingham. *Burnham Westgate*; W. A.

2. **P. polygonifolius**, Pourr. July.

Not uncommon in ditches, pools, and boggy places. Crostwick. Horstead. Dersingham. Swannington. Horning. Postwick. Buckenham Ferry. Horsford. Marlingford. Hoveton St. John. South Walsham. Witton. Hingham. Wilton. Reepham. Hickling. Ridlington.

3. **P. plantagineus**, Ducr. Plantain-leaved P. W. June, July.

Rare. Turf-pits and ditches of peaty water. Old Buckenham Fen. *In ditches by Broome*; B. G.

4. **P. rufescens**, Schrad. Reddish P. W. July.

Rare. By the bridge at Billingford. Near Diss and Scole; W. A. Near the bridge at Scole; B. G.

5. **P. heterophyllus**, Schreb. Various-leaved P. W. June, July.

Rare. In the wash meres in Houghton Park. Near Diss; W. A. Turf-pits in old Buckenham Fen; B. G.

6. *P. lucens*, L. Shining P. W. June, July.

Abundant in rivers, streams, and pools. Crostwick. Norwich. Rockland-broad. Wilton. Burgh by Billockby. Stoke Ferry. Blickling. Ingham. Elsing. Horstead. Worthing. Taverham. Ling. *Cossey*; W. A.

7. *P. prælongus*, Wulf. Long-stalked P. W. June, July.

Somewhat rare. In rivers, lakes, and ditches. *Cossey*. Rockland-broad. Horstead. Whitlingham. Hickling. Reedham. Aylsham. Buckenham Ferry. Brundall. Bishopsthorpe. Hardley. Cantley.

8. *P. perfoliatus*, L. Perfoliate-leaved P. W. July.

Not unfrequent. Rivers, lakes, and dikes. Elsing. Ingham. Horning. Heigham by Norwich. Belough. Aylsham. Reedham. Bishopsthorpe. Hardley. Brundall. Hellesdon. Rollesby. Wroxham. *Cossey*; W. A.

9. *P. crispus*, L. Curly-leaved P. W. June, July.

Frequent in ponds, streams, fresh water and brackish ditches. Crostwick. Elsing. Pulham Market. Yelverton. Holkham. Keswick. Weston. Billingford. Burnham Norton. Horning. Caister by Yarmouth. Bessingham. Winfarthing. Banham. Great Cressingham. Bale. *Burnham Westgate*; W. A.

10. *P. zosterifolius*, Schum. Grass-wrack-like P. W. June, July.

Rare. Rivers, lakes, and dikes. In the river at Cantley. In Rockland-broad. Deep dikes, Brundall. Buckenham Ferry.

11. **P. acutifolius**, Link. Sharp-leaved P. W. June.
Rare. Marsh ditches. Heigham by Norwich. Haddiscoe.
Brundall. Buckenham Ferry.

12. **P. gramineus**, Sm. Grassy P. W. June, July.
Rare. Pools and ditches. Haddiscoe-Dam. Reedham.
Norwich, H. B. F.

13. **P. compressus**, L. Compressed-stemmed P. W.
June, July.

Not uncommon in ditches and slow waters. Crostwick.
Horning. Belaugh. Holkham. Strumpshaw. Hellesdon.
Brundall. Worthing. Elsing. Bishopsthorpe. Langley.
Horstead. Horsey. Runham.

14. **P. pusillus**, L. Small P. W. June, July.

Not uncommon in small ponds and ditches, fresh and
brackish. Crostwick. Burnham Norton. Bishopsthorpe.
Holkham. Swardeston. Titchwell. Worthing. Horstead.
Blickling. Heigham by Norwich. Ingham. Horning.
Aylsham. Cossey. Gissing.

15. **P. trichoides**, Cham. Hair-like P. W. July—
November.

Ponds, ditches, and slow water in muddy soils. Framing-
ham Earl. Swardeston. Swainsthorpe. Alington.
Marlingford. Lyng. Alburgh. Pulham St. Mary the
Virgin. In a slow water ditch near the Railway Station,
Tivetshall. Walpole St. Peter; Mr. Lowe.

16. **P. marinus**, Huds. Sea P. W. June, July.

Abundant in salt water ditches and brackish lakes. In
1829 at Burnham Norton. Burnham Overy. Burnham
Deepdale. Brancaster. Titchwell. Holkham. Runham.
Yarmouth. Braydon-broad. Burnham, Yarmouth; W. A.

17. *P. flabellatus*, Bab. June, July.

Denver, near Burnham, Wick Fen near Nordelph; Professor Babington, who, in *Phytol*, CLI. p. 1160, considers this plant is probably the *P. marinus* of Hudson and Withering. [In the rapid current of the Trent by Walton-on-Trent bridge where *P. flabellatus* abounds, I have always met with plenty of the broad lower leaves in undecayed condition through the months of July and August. The bridge is about a quarter of a mile from Barton and Walton Railway Station.]

18. *P. pectinatus*, L. Fennel-leaved *P. W.* June, July.

Frequent in rivers, canals, ponds, and marsh ditches. Crostwick. Burnham Overy. Norwich. Reedham. Ingham. Wilton. Horstead. Swaffield. Postwick. Brampton. Shelton. Elsing. Aylsham. Worthing. Blickling. Wilton. Taverham. Cossey. Potter Heigham. Bramerton. Ringland. Acle. Runham. Yarmouth. *Burnham Westgate*; W. A.

19. *P. densus*, L. Opposite-leaved *P. W.* June, July.

Frequent. Ditches and slow and rapid waters. In freshwater ditches at Heigham by Norwich. Bishopsthorpe. Flordon. Aylsham. In salt-marsh ditches at Titchwell. Burnham Norton. Holkham. In the brook at Crostwick. In the river Glaven at Little Thornage. In the mill-stream at Burnham Overy. In the stream at Swardeston. In the river at Stoke Ferry. *Burnham Westgate*; W. A.

II. *RUPPIA*.1. *R. maritima*, L. Tassel-Pond-weed. July, August.

Not uncommon in salt water ditches. Burnham Norton. Brancaster. Burnham Deepdale. Runham. Titchwell. Holkham. Burnham Overy; W. A. Abundant in the ditches of the salt marshes about Yarmouth; B. G.

III. ZANNICHELLIA. *Horned Pond-Weed.*

1. *Z. palustris*, L. Common H. P. W. May—August.
 Frequent in ponds and salt-water and fresh-water ditches.
 Intwood. Swardeston. Burnham Norton. Yarmouth.
 Keswick. Burnham Deepdale. Holkham. Cley. *Burnham
 Overy*; W. A. *Z. pedicellata*, Fr. Titchwell. Blake-
 ney. Gissing.

ORDER LXXXVIII. CYPERACEÆ.

I. SCHÆNUS. *Bog-Rush.*

1. *S. nigricans*, L. Black B. R., June, July.
 Not common. Turfy bogs and swampy marshes. Bucken-
 ham Fen. Potter Heigham. Reepham. *Plentiful on Elling-
 ham and Broome Fens*; B. G.

II. CLADIUM. *Twig-Rush.*

1. *C. Mariscus*, R. Br. Prickly T. R. July, August.
 Not common. Bogs, fens, and marshes. Stratton Strawless.
 Horsford. *Horning*, St. Faith's Newton bogs, Ellingham
 Fen; F. B. *Roydon Fen, between Limpenhoe and Cantley*,
 Mautby, Filby; B. G. Buckenham; Sk.

III. RHYNCHOSPORA. *Beak-Rush.*

- B. alba*, Vahl. White B. R. July, August.
 Rare. In wet marshes and turf bogs. Burnham Norton.
 Edgefield. Hoveton St. John. Potter Heigham. Felthorpe
 bogs, and near Heydon; F. B. *Bogs on Holt Heath*;
 B. G.

IV. *BLYSMUS*.

1. *B. compressus*, Panz. Broad-leaved B. July, August.

Boggy and marshy places. Dersingham. Belaugh. Cantley. Thirne. Not uncommon in Norfolk; F. B. *Ditchingham Bath Hills*, Sustead, St. Faith's Newton bogs; B. G.

V. *ELEOCHARIS*. *Spike-Rush*.

1. *E. palustris*, R. Br. Creeping S. R. June, July.

Frequent by wet banks of rivers and ditches in marshy places. Aylsham. Ludham. Swannington. Marlingford. South Walsham. *Burnham Westgate*; W. A.

2. *E. multicaulis*, Sm. Many-stalked S. R. July.

Not common. Wet marshes and turfy bogs. Hoveton St. John. Hickling. *Crosthewick*, plentiful about Yarmouth; B. G. Wootton; Mr. Lowe.

3. *E. acicularis*, Sm. Least S. R. July, August.

Rare. *On Stow fen, at Earsham*; B. G.

VI. *SCIRPUS*. *Club-Rush*.

1. *S. panciflorus*, Lightf. Chocolate-headed C. R. July, August.

Rare. In Ellingham fen, on Poringland heath; F. B. *Bræome fen, Holt bogs*; B. G.

2. *S. cæspitosus*, L. Scaly-stalked C. R. June—August.

Not uncommon on turfy heaths. Edgefield. Banham. Cawston. Roughton. Horsford. Dersingham; W. A.

3. *S. fruticosus*, L. Floating C. R. June, July.
Rare. Ditches and ponds. Barmer. Haynford. West Newton. St. Faith's Newton bogs; F. B.
4. *S. setaceus*, L. Bristle-stalked C. R. June—August.
Not unfrequent on moist gravelly heaths and sandy places. Dersingham. Coxford. Gressenhall. Marlingford. Stratton Strawless. Near Wootton; Mr. Lowe.
5. *S. triquetus*, L. Triangular C. R. August.
Rare. In ditches by the side of Acle dam; F. B.
6. *S. lacustris*, L. Lake C. R. or Bull R. July, August.
Frequent in rivers, lakes, and ponds. Yelverton. Worthing. Burnham Norton. Aylsham. Keswick. Narborough. Mautby. *Earlham*; W. A.
7. *S. Tabernæmontani*, Gm. Glaucous C. R. June—August.
Not frequent. Rivers, pools, and brackish ditches. Hickling broad. Hoveton St. John. *Sides of ditches at Cley*; near Wootton; Mr. Lowe.
8. *S. maritimus*, L. Salt Marsh C. R. July, August.
Frequent by the sides of water ditches in salt marshes. Burnham Norton. Titchwell. Runham. Waxham. Brancaster. Holkham. Stokesby. Yarmouth. *Burnham Overy*; W. A.
9. *S. sylvaticus*, L. Wood C. R. July.
Moist woods at Ditchingham and other parts of Norfolk; F. B.

VII. ERIOPHORUM. *Cotton-Grass.*

1. *E. vaginatum*, L. Hare's-tail C. G. March, April.
Not frequent. Bogs and turfy heaths. Dersingham. Old

Buckenham. Cantley. Leziate. Surlingham. On Bawsey bottom near Lynn; F. B.

2. *E. augustifolium*, Roth. Narrow-leaved C. G. May, June.

Common on boggy heaths and wet marshes. Dersingham. Holkham. Cantley. Fakenham. Horning. Brundall. Witton.

3. *E. latifolium*, Hoppe. Broad-leaved C. G. May, June.

Rare. Boggy heaths. Edgefield. Holt Lowes; B. G.

VIII. CAREX. *Sedge.*

1. *C. dioica*, L. Common Seperate-headed S. May, June.

Not frequent. Spongy bogs. Horning. Surlingham. Hoveton St. John. Felthorpe. *Cossey, Marham*; W. A. *Holt heath*, Ellingham, Broome, Mautby; B. G.

2. *C. pulicaris*, L. Flea S. May, June.

Not unfrequent. Bogs. Horning. Ranworth. Stratton Strawless. Hoveton St. John. Swardeston. *Cossey*; W. A.

3. *C. divisa*, Huds. Bracteated Marsh S. May, June.

Not common. Wet meadows and maritime marshes. Runceton-Holme. Stow bridge. Horning. Titchwell. *Burnham Norton*, Cley; W. A. Near Acle bridge; F. B.

4. *C. intermedia*, Gooden. Soft Brown S. May, June.

Not frequent. Marshy places. Hardley. Ingham. Rockland. Limpenhoe. Surlingham. *Burnham Westgate*; W. A.

5. *C. arenaria*, L. Sand S. June.

Frequent on the sandy coast. Holme next the Sea. Palling. Eccles by the Sea. Waxham. Burnham Norton. Burnham Overy. Holkham. Yarmouth. *Brancaaster*; W. A.

6. *C. vulpina*, L. Great Spiked S. May, June.

Frequent on banks of rivers, moist ditches, and wet places. Thirne. Surlingham. Witton. Tivetshall. Wacton. Fersfield. Reepham. Kenninghall. Roydon by Diss. Stokesby. Runham. Bressingham. *Burnham Westgate*; W. A.

7. *C. muricata*, L. Greater Prickly S. May, June.

Not unfrequent in gravelly marshes and pastures. Heigham by Norwich. Sandringham. Frettenham. Surlingham. Wilton. East Harling. *Burnham Westgate*; W. A.

8. *C. divulsa*, Gooden. Grey S. May, June.

In moist shady places. Caister by Norwich. Cossey. Bowthorpe. Marlingford. Kimberley, Kenninghall. Common in woods and hedges in Norfolk; W. A.

9. *C. paniculata*, L. Great panicled S. June.

Frequent in boggy and swampy places. Thirne. Belaugh. Hoveton St. John. Potter Heigham. Surlingham. *Burnham Westgate*; W. A.

10. *C. paradoxa*, Willd. Paradoxical S. June, July.

Very rare. Bogs. Hoveton; E. B.

11. *C. teretiuscula*, Gooden. Lesser panicled S. May, June.

Somewhat rare. Hickling. Runham. Ranworth. Marshes near Norwich, Caister, and Mautby; W. A. *St. Faith's bogs*; F. B. Earsham, Horning, Ditchingham; B. G.

12. **C. stellulata**, Gooden. Little Prickly S. May, June.
Not uncommon. Marshy places and banks of rivers.
Lammas. Aldborough. Rockland. Horning. Aylsham.
Thurgarton. Felthorpe. *Dersingham*; W. A.

13. **C. ovalis**, Gooden. Oval-spiked S. June.
Not frequent. Wet marshes and ditches. Holme next
the Sea. Horning. Rockland. Stow. Hoveton St. John.

14. **C. remota**, L. Remote-spiked S. June.
Not unfrequent in moist woods and damp shady places.
Howe. Aldborough. Surlingham. Elsing. Thurgarton.
Swainsthorpe. Wicklewood. Hardingham. Wacton. Lyng.
Blickling. Hardwicke. Framingham Pigot. Wood Ditton;
W. A. *Earsham*; B. G.

15. **C. axillaris**, Gooden. Axillary-clustered S. June.
Somewhat rare. Marshy places and wet ditch banks.
Framingham Pigot. Bixley. Hoo. Ashwelthorpe. Alby.
East Dereham. Blickling. Thurgarton. Aldborough.
Earsham; B. G.

16. **C. vulgaris**, Fries. Common S. May, June.
Common in wet marshes and meadows. Crostwick.
Whitlingham. Swannington. Postwick. Horning. Not
uncommon about Norwich; W. A.

17. **C. stricta**, Gooden. Tufted S. April—June.
Wet meadows and marshes. Surlingham. Belaugh.
Cantley. Whitlingham. Postwick. In marshes near
Norwich; W. A. *Earsham*; B. G.

18. **C. acuta**, L. Slender-spiked S. May, June.
Not uncommon in wet meadows and beside pools and
water-ditches. Bramerton. Strumpshaw. Horsford. Buck-
enham Ferry. Scarning.

19. *C. præcox*, Jacq. Vernal S. April, May.

Common. Drp pastures and heaths. Crostwick. Stanhoe. Great Bircham. Hillington. Poringland. *Burnham Westgate*; W. A.

20. *C. pilulifera*, L. Round-headed S. May, June.

Not frequent. Wet pastures and heaths. Stratton Strawless. Horning. Scarning. Elsing. *The Bath hills, Ditchingham*; B. G.

21. *C. filiformis*, L. Slender-leaved S. May.

Rare. Boggy marshes. Hickling. Cantley. Horning, near Stoke; F. B. *Surlingham*, Old Buckenham; B. G.

22. *C. hirta*, L. Hairy S. May, June.

Frequent. Wet meadows and pastures. Bixley. Whitlingham. Marlingford. East Dereham. Hickling. *Burnham Westgate*; W. A.

23. *C. extensa*, Gooden. Long-bracteated S. June.

Rare. Marshes near the Sea. On Cley beach; F. B. *River side at Yarmouth*, Wells; B. G.

24. *C. flava*, L. Yellow S. May, June.

Frequent in boggy marshes and wet meadows. Crostwick. Burnham Norton. Surlingham. Felmingham. Potter Heigham. Ranworth. Swardeston. Swannington. Edgefield. *Dersingham*; W. A.

25. *C. Cederi*, Ehrh. Ceder's S. June, July.

Bogs and wet marshes. Swannington. Surlingham. Stokesby. Hickling. Cantley. South Walsham. On all moist commons about Yarmouth; B. G.

26. *C. fulva*, Gooden. Tawny S. June.

Not unfrequent. Boggy marshes. Potter Heigham. Be-laugh. Reepham. Swannington. Scarning. Stratton Strawless. *Ranworth. Horsford. Horning. Yaxham. Surlingham*; B. G.

27. *C. distans*, L. Loose S. June.

Not frequent. Muddy salt marshes. Thornham. Salt-house. Morston. Wells. Near Garborough creek, Stiffkey. Holm next the Sea. *Cley*, Yarmouth; B. G.

28. *C. binervis*, Sm. Green-ribbed S.

Not uncommon on dry heaths. Dersingham. Great Bircham. Roughton. Mundford. Holt. *St. Faith's Newton*; F. B. Filby and Poringland heaths; B. G.

29. *C. pallescens*, L. Pale S. May, June.

Not unfrequent in marshy places. Burnham Norton. Horning. Stratton Strawless. Postwick. Strumpshaw. Swannington. Edgefield. Antingham. *Wimbotsham*; W. A.

30. *C. panicea*, L. Pink-leaved S. June.

Frequent in moist meadows and marshy places. Hoveton St. John. North Pickenham. Scarning. Oby. Burnham Norton. Thuxton. *Burnham Westgate*; W. A.

31. *C. limosa*, L. Mud S. June.

Rare. Boggy ground. Horning. Hoveton St. John. St. Faith's Newton, Heydon; F. B.

32. *C. glauca*, Scop. Glaucous Heath S. June.

Not unfrequent in moist meadows, heaths, and woods. South Creak. Fersfield. Elsing. Dersingham. Flordon. *Burnham Westgate*; W. A. Wootton; Mr. Lowe.

33. *C. sylvatica*, Huds. Pendulous Wood S. May, June.

Not frequent. Woods and shady ditch banks. Bixley. East Dereham. Arminghall. Elsing. Yaxham. Weston. Little Dunham.

34. **C. Pseudo-cyperus**, L. Cyperus-like S. June.

Not frequent. By the side of rivers, pools, and water ditch banks. Thirne. Potter Heigham. Aylsham. Brundall. Swannington. Hingham. South Walsham. Buckenham ferry. Skeyton. Hoveton St. John. Wroxham. *Horning*, St. Faith's bogs; F. B. *Broome*, Kirby and Ellingham fens, near Yarmouth; B. G.

35. **C. strigosa**, Huds. Loose Pendulous S. May, June.

Rare. In a bushy ditch by the road leading from East Dereham to Yaxham, about a mile from and in the parish of East Dereham. In a shady hedge bank near the river by the pathway leading from Surlingham brick-field to and in the parish of Bramerton. Hedenham; B. G.

36. **C. pendula**, Huds. Great Pendulous S. May, June.

Not common. Moist woods and shady hedge-banks. Thirne. Hingham. Dersingham. Whissonsett. Horningtoft. Town Barningham. Gunton. *Foxley*; B. G. Shipdham; Sk.

37. **C. ampullacea**, Gooden. Slender-beaked Bladder S. May, June.

Not common. Boggy and wet marshy ground. Hickling. Felthorpe. Ranworth. Salhouse. Seething, St. Faith's Newton bogs, Yarmouth; B. G.

38. **C. vesicaria**, L. Short-spiked Bladder S. May, June.

Rare. Boggy and wet marshy ground. Scarning. Potter Heigham. Wormgay. *Surlingham*, St. Faith's; B. G.

39. **C. paludosa**, Gooden. Lesser Common S. May.

Common. Banks of rivers, water ditches, and watery places. Langley. Burnham Norton. North Elmham. *Strumpshaw*. Whitlingham.

40. *C. riparia*, Curt. Great Common S. May.

Common. By the sides of rivers, pools and water ditches. Whitlingham. South Walsham. Hickling. Worthing. Cossey. Wilton. Stoke ferry. Reepham. Narborough. Burnham Norton.

ORDER LXXXIX. GRAMINEÆ.

I. ECHINOCHLOA.

1. *E.† Crus-galli*, Beauv. Loose E. July.

Waste ground near Thetford; H. A. B. F.

II. DIGITARIA. *Finger-Grass*.1. *D. sanguinalis*, Scop. Hairy F. G. August.

Rare. Sandy fields. Witchingham, between Brandon and Mundford; F. B. Broome; Mr. D. Stock.

2. *D. humifusa*, Pers. Glabrous F. G. July, August.

Rare. Sandy fields. Norfolk; H. A. B. F.

III. SETARIA.

1. *S.† verticillata*, Beauv. Rough S. June—August.

Fields at Barton Bendish; W. A. In a field out of St. Giles' gates, Norwich; B. G.

2. *S. viridis*, Beauv. Green S. July, August.

Rare. Sandy fields. *Very abundant at Ditchingham*, plentiful about Norwich, Barton Bendish; B. G.

3. *S.† glauca*, Beauv. Glauous. S. September.

Extremely abundant in sandy fields at Ditchingham; B. G. Boat Quay, Lynn; Mr. Lowe.

IV. MILIUM. *Millet-Grass.*

1. *M. effusum*, L. Spreading M. G. May, June.

Not unfrequent. Moist woods and damp shady places.
 Godwick. Town Barningham. Heigham by Norwich.
 Gunton. In the Black wood, Colney; Sk.

V. SPARTINA. *Cord-Grass.*

1. *S. stricta*, Roth. Common C. G. August.

At Cley, between the Town and the Sea; B. G.

VI. ANTHOXANTHUM. *Vernal-Grass.*

1. *A. odoratum*, L. Sweet-scented V. G. May, June.

Common. Meadows, pastures, and woods. Crostwick.
 Stanhoe. *Burnham Westgate; W. A.*

VII. PHALARIS. *Canary-Grass.*

1. *P.† canariensis*, L. True C. G. July.

Occasionally in waste ground about towns and villages.
 Grimston. Norwich. Taverham.

2. *P. arundinacea*, L. Reed C. G. June—August.

Frequent beside rivers, pools, and water ditches. Crostwick.
 Whitlingham. Elsing. Mundesley. *Burnham Westgate; W. A.*

VIII. PHLEUM. *Cat's-Tail Grass.*

1. *P. pratense*, L. Common or Timothy C. T. G. June—October.

Common. Meadows and pastures. Crostwick. Stanhoe.
Burnham Westgate; W. A.

2. **P. Boehmeri**, Wibel. Boehmer's C. T. G. July.

Rare. Dry open places in sandy and chalky soils. Hardingham. Mundford. *Beachamwell*; W. A. In a field at Narborough; F. B. Martham; B. G.

3. **P. arenarium**, L. Sand C. T. G. May, June.

Not common L. Loose sandy ground near the sea, and sandy heaths and old walls. Titchwell. Yarmouth. Holkham. Palling. Burnham Overy. On Mundford heath. Old walls at Thetford. *Brancaaster*; W. A. Swaffham heath; F. B.

IX. **ALOPECURUS.** *Fox-Tail Grass.*1. **A. pratensis**, L. Meadow F. T. G. May, June.

Common in meadows and pastures. Crostwick. Stanhoe. Burnham Westgate; W. A.

2. **A. agrestis**, L. Slender F. T. G. July.

Common in fields and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

3. **A. geniculatus**, L. Floating F. T. G. June, July.

Not unfrequent on the edges of and in rivers, pools, water ditches, and swampy places. Great Bircham. Pulham. Brooke. Langley. Ingham. Burnham Sutton. Haddiscoe. Dean and Chapter meadows, Norwich. *Burnham Westgate*; W. A.

4. **A. fulvus**, Sm. Orange-spiked F. T. G. June—September.

Rare. By the sides of ponds and ditches. Barmer. Flordon. *Swainsthorpe*; B. G. Norwich; H. B. F.

5. **A. bulbosus**, L. Bulbous F. T. G. May, June.

Rare. Salt marshes. Abundant on the Denes at Yar-

mouth. Palling. Burnham Overy. Salthouse. *Cley*; B. G.
Yarmouth previously recorded in F. B.

X. NARDUS. *Mat-Grass.*

1. *N. stricta*, L. Common M. G. June, July.

Common on heaths. Great Bircham. South Creak. Horsford. Cawston. Edgefield. *Dersingham*; W. A.

XI. PHRAGMITIS. *Reed.*

1. *P. communis*, Trin. Common R. July, August.

Frequent in the margins of rivers, pools, and water ditches. Crostwick. Cantley. Hickling. Aylsham. Belough. Brancaster. *Wells*; W. A.

XII. PSAMMA. *Marram.*

1. *P. arenaria*, Roem and Sch. Common M. July.

Abundant on the sandy coast. Titchwell. Brancaster. Palling. Winterton. Burnham Overy. *Burnham Norton*; W. A.

XIII. CALAMAGROSTIS. *Small-Reed.*

1. *C. Epigejos*, Roth. Wood S. M. July.

Not unfrequent. Moist woods, thickets, and damp shady hedges. Titchwell. Wolverton. Hoveton St. John. Ringland. Whitlingham. Ranworth. Horning. Hethel and Arminghall; F. B. *Earsham*; B. G.

2. *C. lanceolata*, Roth. Loose-panicked S. R. June, July.

Rare. Moist woods and fenny plantations. Met with in an excursion with Dr. Casberry at Horning. Sutton. Ranworth; F. B. *Earsham*, Blake's grove near Gaudy Hall; B. G.

XIV. APERA. *Wind-Grass.*

1. **A. Spica-venti**, Beauv. Silky W. G. June, July.

Rare. Sandy fields. Felthorpe. Snettisham. In Gayton field and Witton field; F. B. Thorpe near Norwich; B. G. St. Faith's; Sk.

XV. AGROSTIS. *Bent-Grass.*

1. **A. canina**, L. Brown B. G. June, July.

Frequent. Wet heaths and boggy places. Edgefield. Old Buckenham. Hoveton St.-John. Banham. Horsford heath. Felmingham.

2. **A. vulgaris**, With. Fine B. G. July.

Common. Meadows, pastures, heaths, and banks. Crostwick. Great Bircham. Drayton. Thetford. Holt. "Norfolk"; W. A. *A. pumila*, Lightf. Near Wootton; Mr. Lowe.

3. **A. alba**, L. Marsh B. G. July.

Frequent. Meadows, pastures, marshes, and ditch banks. Crostwick. Stanhoe. Great Bircham. *Burnham Westgate*; W. A.

XVI. POLYPOGON. *Beard-Grass.*

1. **P. monspeliensis**, Desf. Annual B. G. July, August.

Rare. Met with, together with *P. littoralis*, in an excursion with my friend Mr. Edward Hare, on the salt marshes at Cley. The plant was discovered at that station by the late Mr. Humphrey. *Brancaster*; F. B.

2. **P. littoralis**, Sm. Perennial B. G. July, August.

Rare. Muddy salt marshes. Cley. Near Wells; F. B.

XVII. *GASTRIDIMUM. Nit-Grass.*

1. *G. lendigerum*, Gaud. Awned N. G. June—August.

Rare. Moist places near the coast. Corn-fields at Gillingham; F. B. Cley; H. and A. B. F.

XVIII. *ATRA. Hair-Grass.*

1. *A. cæspitosa*, L. Tufted H. G. June, July.

Common. Moist meadows, woods, thickets, and shady places. Crostwick. Langley. Mileham. Kenninghall. Town Barningham.

2. *A. flexuosa*, L. Waved H. G. July.

On heaths and barren pastures. Gressenhall. Drayton. Dersingham. About Norwich; Sk. *A. montana*, with *Stratton Strawless heath*; B. G.

3. *A. caryophyllea*, L. Silvery H. G. June, July.

Frequent in light sandy pastures and gravelly places. Great Bircham. East Harling. Mousehold heath. Roughton. *Cossey*; W. A.

4. *A. præcox*, L. Early H. G. April—June.

Common on dry pastures and sandy places. Crostwick. Stanhoe. Testerton. Holt. Norwich.

XIX. *CORYNEPHORUS.*

1. *C. canescens*, Beauv. Grey C. June, July.

Rare. Sandy places on the coast. Scratchby sand cliffs. Burnham Overy. On Yarmouth Denes, particularly by the south battery, Cley, sand hills at Caister and Hemsby, abundantly; B. G.

XX. AVENA. *Oat-Grass.*

1. *A. fatua*, L. Wild O. G. June, July.

Common in corn-fields. Crostwick. Stanhoe. Great Bircham, *Burnham Westgate*; W. A. Sherringham; B. G.

2. *A. strigosa*, Schreb. Bristle-pointed O. G. June, July.

Not unfrequent in corn-fields. Stanhoe. Burnham Westgate. Burnham Sutton. Rackheath. Attleborough. Bradeston. Swanton Abbots. Westwick.

3. *A. pratensis*, L. Narrow-leaved O. G. June, July.

On heaths, dry pastures, and borders of fields. Great Bircham. Hanworth. Blofield. Sustead. Rudham. Burnham Westgate; W. A. *Very common in this county*; B. G.

4. *A. pubescens*, L. Downy O. G. June, July.

Not frequent. Dry chalky pastures. Walsingham. Ringstead. Hillington. Horstead. Marham, Holkham, Carbrooke; F. B. Swaffham; B. G.

XXI. TRisetum.

1. *T. flavescens*, Beauv. Yellow T. July.

Frequent. Meadows, pastures, and way-sides. Crostwick. Stanhoe. Felmingham. Blofield. *Burnham Westgate*; W. A.

XXII. ARRHENATHERUM. *False Oat-Grass.*

1. *A. avenaceum*, Beauv. Common F. O. G. June, July.

Frequent in meadows, pastures, and hedges. Crostwick. Stanhoe. Sustead. Tacolnestone. Foxley. *Burnham Westgate*; W. A.

XXIII. *Holcus. Soft-Grass.*

1. *H. lanatus*, L. Meadow S. G. June, July.

Common. Meadows and pastures. Crostwick. Stanhoe. Mulbarton. Swafeld. *Burnham Westgate*; W. A.

2. *H. mollis*, L. Creeping S. G. June—August.

Not very frequent. Moist thickets, groves, and shady or open places in poor soils. Heigham by Norwich. Godwick. Spratt's green, Aylsham. Woodbastwick. Burgh St. Peter. Langley.

XXIV. *Triodia. Heath-Grass.*

1. *T. decumbens*, Beauv. Decumbent H. G. July.

Dry open heaths and barren pastures. Horsford. Cawston. Edgefield. Pastures in Norfolk, frequent; W. A.

XXV. *Koeleria.*

1. *K. cristata*, Pers. Crested K. June, July.

Not common. Dry pastures. Mautby. Matlaske. Caister by Yarmouth. Broome heath, the Denes, Yarmouth; W. A.

XXVI. *Melica. Melic-Grass.*

1. *M. uniflora*, Retz. Wood M. G. May—July.

Not common. Woods and shady places where the soil is damp. East Dereham. Rackheath. Blickling. Houghton-juxta-Harpley. Town Barningham. Hindolveston; Sk.

XXVII. *Molinia.*

1. *M. cærulea*, Mönch. Purple M. July, August.

Frequent on wet heaths. Horsford. Old Buckenham.

Horning. Edgefield. Surlingham. Stratton Strawless.
Swannington. *Dersingham*; W. A.

XXVIII. PoA. *Meadow-Grass.*

1. *P. annua*, L. Annual M. G. March—October.

Common. Meadows, pastures, way-sides, and walls.
Crostick. Stanhoe. Great Bircham. *Burnham Westgate*;
W. A.

2. *P. bulbosa*, L. Bulbous M. G. May, June.

On the south Denes, Yarmouth. Palling. On Yarmouth
Denes everywhere; B. G.

3. *P. trivialis*, L. Roughish M. G. June, July.

Common. Moist pastures in shady situations. Crostick.
Raynham. Leonard bridge. *Burnham Westgate*; W. A.

4. *P. pratensis*, L. Smooth-stalked M. G. June, July.

Common. Meadows and pastures. Crostick. Stanhoe.
Great Bircham. *Burnham Westgate*; W. A.

5. *P. compressa*, L. Flat-storked M. G.

Not unfrequent. On walls and dry barren places. On
the park wall, Sandringham. North Walsham. Great
Cressingham. On old walls about Norwich. Rackheath.
Yarmouth. Walls at Thetford. Smallburgh. Scole. Trowse.
Buxton. Feltwell. Swaffham. Northwold. Wymondham.

XXIX. GLYCERIA.

1. *G. aquatica*, Sm. Reed G. July, August.

Not unfrequent by the sides of rivers, pools, water ditches,
and swampy places. Crostick. Surlingham. Hickling.
Belaugh. Stokesby. Whitlingham. Acle. Burnham Overy.
Caister by Yarmouth. *Burnham Westgate*; W. A.

2. *G. fluitans*, R. Br. Flote G. June—August.

Frequent in stagnant and slow running waters. Crostwick. Lessingham. Loddon. Wilton. Inglethorpe. Hemstead. Little Barwick. Roydon near Diss. Haynford. Bressingham. In Stillingfleet's "Observations on Grasses" it is stated that the ripe seeds of this plant are eaten under the name of manna in Germany and Sweden at the tables of the great, on account of their nourishing quality and agreeable taste.

3. *G. plicata*, Fries. June—August.

Ponds, water ditches, and swampy places. Fring. Bircham Newton. Westacre.

XXX. *SCLEROCHLOA*.1. *S. maritima*, Lindl. Creeping Sea S. July.

Frequent in salt marshes and other moist places on the coast. Brancaster. Burnham Overy. Cley. Thornham. Salthouse. Holkham. *Burnham Norton*; W. A.

2. *S. distans*, Bab. Reflexed S. June—August.

Not common. Sandy places near the sea. Blakeney. Haddiscoe. Cley. Palling. Yarmouth; F. B.

3. *S. procumbens*, Beauv. Procumbent S. June, July. Rare. The meals, Stiffkey.4. *S. rigida*, Link. Hard S. June.

Common on dry barren soils, waste places, and walls. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

5. *S. loliacea*, Woods. Dwarf S. June, July.

Rare. Salt marshes. Holme next the Sea. At this station it had previously been met with by Dr. Sutton. On the north coast of Norfolk; F. B.

XXXI. CATABROSA. *Whorl-Grass.*

1. *C. aquatica*, Beauv. Water W. G. May—July.

Not general, but plentiful in some parts of the county. Margins of rivers and in pools and water ditches. Whittingham. Wilton. Scole. Stalham. Acle. Worthing. Hardley. Pulham Market. Heigham by Norwich. Holkham. Horstead. Fakenham. Horning. Postwick. Cossey.

XXXII. BRIZA. *Quaking-Grass.*

1. *B. media*, Common Q. G. June.

Frequent in meadows and pastures. Crostwick. Stanhoe. Starston. Gimingham. East Harling. *Burnham Westgate*; W. A.

XXXIII. DACTYLIS. *Cock's-Foot Grass.*

1. *D. glomerata*, L. Rough C. F. G.

Common in meadows and shady places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXXIV. CYNOSURUS. *Dog's-Tail Grass.*

1. *C. cristatus*, L. Crested D. T. G.

Common. Dry pastures. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXXV. FESTUCA. *Fescue-Grass.*

1. *F. uniglumis*, Soland. June.

Rare. Congham (about eight miles from the coast); Mr. Lowe.

2. *F. bromoides*, Sm. Barren F. G. June, July.

Frequent. Barren sandy places and on walls. Great

Bircham. Walsingham. Lammas. North Creake. *Stow*; W. A.

3. *F. myurus*, L. Wall F. G. June, July.

Frequent. Walls and barren places. Calthorpe. Gressenhall. Loddon. Cawston. North Walsham. *Stow*; W. A.

4. *F. ovina*, L. Sheep's F. G. June, July.

Frequent. Dry pastures. Crostwick. Stanhoe. East Harling. *F. duriuscula*, L. *Burnham Westgate*; W. A. *F. dumetorum*, L. *Burnham Westgate*; W. A.

5. *F. rubra*, L. Creeping F. G. July.

Sandy ground. Yarmouth; F. B.

6. *F. pratensis*, Huds. Meadow F. G. June, July.

Frequent in meadows and pastures. Crostwick. Stanhoe. *Burnham Westgate*.

7. *F. loliacea*, Huds. Spiked F. G. June, July.

Not frequent. Moist meadows. Langley. Brampton. Leonard bridge.

8. *F. elatior*, Sm. Tall F. G. June, July.

Not unfrequent. Banks of rivers and streams and wet meadows. Stoke Holy Cross. Cossey. Attlebridge. Elsing. Buxton. *F. arundinacea*, Schreb. Sea bank, Lynn; Mr. Lowe.

9. *F. gigantea*, Vill. Tall Bearded F. G. July, August.

Not frequent. Moist woods, thickets, and shady places. Godwick. Stoke Holy Cross. Gunton. Foxley. Town Barningham. Cossey. *F. triflora*, Sm. Fields by Watton; B. G.

XXXVI. *Bromus*. *Brome-Grass*.

1. *B. erectus*, Huds. Upright B. G. June, July.

Rare. Sandy and chalky soil. Holkham; W. A.

2. *B. asper*, L. Hairy B. G. June, July.

Not unfrequent in moist woods and hedges. Weston. Rockland St. Mary. Raynham. Westwick. Mileham; Norfolk; W. A.

3. *B. sterilis*, L. Barren B. G. June.

Common. Woods, hedges, and waste ground. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

XXXVII. *SERRAFALCUS*.

1. *S.* secalinus*, Bab. Smooth Rye S. June, July.

In corn-fields, more especially those cultivated with wheat. Crostwick. Docking. North Creak. Burnham Westgate. Rackheath. Sprowston. In Norfolk, not rare; F. B.

2. *S. commutatus*, Bab. June, July.

Frequent. Corn-fields and road-sides. Crostwick. Swafield. Burnham Westgate. Gimingham. *Multiflorus*, Parn. Near Norwich; F. B.

3. *S. racemosus*, Parl. Smooth S. June.

Frequent in meadows and pastures. Crostwick. Stanhoe. Elmham. Holkham; F. B.

4. *S. mollis*, Parl. Soft S. June.

Common. Meadows, pastures, waste places, and wall tops. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

5. *S.+ arvensis*, Godr. Field S. July, August.

Rare. Earsham; F. B.

XXXVIII. *BRACHYPODIUM. False-Brome Grass.*

1. *B. sylvaticum*, Beauv. Slender F. B. G. July.

Frequent. Woods and hedges. Whitwell. Bessingham. Shotesham. Eaton. Westwick. *Burnham Westgate*; W. A.

2. *B. pinnatum*, Beauv. Heath F. B. G. July.
Rare. On a dry chalky soil. *Earsham*; B. G.

XXXIX. TRITICUM. *Wheat-Grass*.

1. *T. repens*, L. Creeping W. or Couch G. June—September.

Common. Waste and cultivated ground. *Crosthwick*. *Stanhoe*. *Burnham Westgate*; W. A.

2. *T. caninum*, Huds. Fibrous W. G. July.

Frequent. Woods and shady banks. *Somerfield*. Town *Barningham*. *Horningtoft*. *Witton*.

3. *T. acutum*, D C. July, August.

Sandy shores. *Brancaaster*. *Ormsby*. *Burnham Overy*. *Winterton*. *Palling*.

4. *T. junceum*, L. Rushy W. G. July, August.

Frequent on sandy parts of the coast. *Burnham Norton*. *Palling*. *Burnham Overy*. *Caister by Yarmouth*. *Brancaaster*. *Ormsby*. The beach at *Yarmouth*; W. A.

XL. ELYMUS. *Lyme-Grass*.

1. *E. arenarius*, L. Upright L. G. July, August.

Frequent on the sandy parts of the coast. *Titchwell*. *Palling*. *Holkham*. *Burnham Norton*. *Winterton*. *Eccles by the Sea*. *Burnham Overy*. *Brancaaster*; W. A. *Wells* and *Happisburgh*; F. B. *Caister near Yarmouth*, and on the sand hills along the coast for many miles, plentifully; B. G.

XLI. HORDEUM. *Barley*.

1. *H. pratense*, Huds. Meadow B. June, July.

Not unfrequent. Meadows and pastures. *Sculthorpe*.

Skeyton. Burnham Thorpe. Langley. Brampton. *Burnham Westgate*; W. A.

2. *H. murinum*, L. Wall or Mouse B. June, July.

Common on and under walls, waste ground, and road-sides. Crostwick. Stanhoe. Norwich. North Walsham. Thetford. *Burnham Westgate*; W. A.

3. *H. maritimum*, With. Sea-side D. June.

Not unfrequent in salt marshes and sandy places near the coast. Brancaster. Titchwell. Wells. Blakeney. Mundesley. Burnham Overy. Cromer. Overstrand. *Burnham Westgate*; W. A. *Cley*, Yarmouth; B. G.

XLII. LEPTURUS. *Hard-Grass.*

1. *L. incurvatus*, Trin. Sea H. G. July.

Rare. Sandy sea shores. Hunstanton. Sherringham and Yarmouth; F. B.

XLIII. LOLIUM. *Rye-Grass.*

1. *L. pereune*, L. R. G. June, July.

Common. Pastures, road-sides, and waste places. Crostwick. Stanhoe. *Burnham Westgate*; W. A.

2. *L.† italicum*, A. Braun. Italian R. G. June.

Cultivated fields. Stanhoe. Docking. Scottow.

3. *L. temulentum*, L. Darnel. (The Tare of the authorized version of the Bible; the Darnel of Sir John Cheke's Translation of St. Matthew; and the Cockle of the Rheim's). June—August.

Not uncommon. Corn-fields and waste ground. Crostwick. Stanhoe. Blofield. East Harling. Hanworth. Swafield. North Creak.

· ACOTYLEDONES.

ORDER XC. EQUISETACEÆ.

I. EQUISETUM. *Horse-Tail*.

1. **E. Telmateia**, Ehrh. Great H. T. April.

Frequent. Margin of the river at Horning. Sides of Rockland broad. Hoveton St. John. Swampy places, Hickling. In water ditches, moist meadow, and clayey hedge bank at Skeyton. Wendling. Stalham. In a moist meadow near St. Faith's Newton; B. G.

2. **E. arvense**, L. Common H. T. April.

Frequent. Corn-fields, moist meadows, banks, and waste places. Crostwick. Stanhoe. Brooke. Burnham Westgate. Fersfield. Hardingham. Little Barningham.

3. **E. sylvaticum**, L. Branched Wood H. T. April, May.

Rare. On a moist shady hedge bank near the bridge at Hartford. *Bogs on Holt heath*; B. G.

4. **E. limosum**, L. Smooth H. T. June, July.

Frequent in pools, sides of rivers, and wet marshy places. Crostwick. Inglesthorpe. Cossey. Brundall. Stalham. Potter Heigham. Wilton. Surlingham. Scole.

5. **E. palustre**, L. Marsh H. T. June, July.

Frequent in boggy places. Crostwick. Scarning. Hickling. Cantley. Reepham. Surlingham. Elmham. *Burnham Westgate*; W. A. Var. *Polystachion*; on wet marshy soil near the bank of the river at Horstead grove-end.

6. **E. hyemale**, L. Rough H. T. July, August.

Rare. Arminghall wood; F. B. On St. Faith's bogs; B. G.

ORDER XCI. FELICES.

I. POLYPODIUM. *Polypody*.1. *P. vulgare*, L. Common P. July—November.

Frequent. Old shady hedge-banks, mossy trunks of trees, and old walls. On the park wall, Sandringham. Crostwick. On the church, Stanhoe. Burnham Westgate. Mundesley. Syderstrand. Kenninghall. Loddon. Gimingham. Trunch. Bowthorpe. Felmingham. Swafield. *Earlham*; W. A.

II. POLYSTICHUM. *Shield-Fern*.1. *P. aculeatum*, Roth. Prickly S. F. July, August.

Shady hedge-banks. Plentiful in some districts, but not general. Thwaite. Yelverton. Little Plumstead. Howe. Knapton. Neatishead. Gimingham. North Walsham. Kirby Bedon. Alby. Hemblington. Hanworth. Ridlington. Mundesley. Happisburgh. Aldborough. Walcot. *Edgefield, Mautby*; B. G. *A. Lobatum*, Sm. In moist ditches and damp shady banks. Kirby Bedon. Great Fransham. Poringland. Witton. Howe. Yelverton. Salhouse. Beeston by Norwich. Aldeby. Thurgarton. Hockering. Calthorpe. Blofield. Hemblington. Felmingham. Aylsham. Hindolvestone. Catfield. Quidenham. Burston. Gissing. East Dereham. Garveston. Wramplingham. Sporle. Reepham. Barnham. Broom. Gimingham. Alby. Knapton. Besthorpe. North Walsham. Trunch. Hanworth. Yelverton. Little Fransham. Hockering.

2. *P. angulare*, Newm. Angular-leaved S. F. July, August.

Shady hedge-banks. Little Plumstead. Wymondham. Burlingham. Woodbastwick. Brooke. Twaite. Gimingham.

Walcot. Shelfanger. Marsham. Hanworth. North Wals-
ham. Bessingham. Aldborough. Witton. Siderstrand.
Ridlington. Trunch. Sustead. Swafield. Felmingham.
Gresham. Matlaske. Thurgarton. Town Barningham.
Edgefield heath; F. B.

III. LASTREA. **Buckler Fern*.

1. *L. Thelypteris*, Presl. Marsh B. F. July, August.

Not frequent. Boggy places and wet marshes. Surling-
ham. Gunton. Ingworth. Brundall. Catfield. Met with
in an excursion with the Rev. Wm. S. Hore, in a swampy
place near the Union House, St. Faith's. *Marshes on the Yare*,
Holt, St. Faith's Newton bogs; F. B. Acle marsh; B. G.
Buckenham; Sk.

2. *L. Oreopteris*, Presl. Heath or Mountain B. F. June, July.

Rare. Dry heath lanes and ditch banks. In a lane lead-
ing from Felthorpe to Stratton Strawless. In a lane-bank
between Brunstead and Happisburgh. Bessingham. Gresham.
Sustead. *Beeston by Cromer*; F. B. In a ditch on the edge
of a heath near St. Faith's Newton; B. G. Horsford and
Stratton Strawless; Mr. Bransby Francis.

3. *L. Filix-mas*, Presl. Male B. F. June, July.

Frequent in shady banks and woods. Crostwick. Stanhoe.
Burnham Westgate. *Stow*; W. A.

4. *L. cristata*, Presl. Crested B. F. July, August.

Rare. Shady places in boggy heaths and wet marshes.
Edgefield. Surlingham. To the former spot the editor was
guided by information received from Mr. Wigham. The
plant was first met with at the latter station by the Rev.

* This substitution of *Buckler* for *Shield* has been adopted from Mr. Moore's
Hand Book of British Ferns.

Wm. S. Hore. Holt; H. B. F. Lynn, Dersingham, Bawsey; N. H. B. F. Leziate; Rev. John Freeman. *L. uliginosa*, Newm. Growing intermixed with *cristata* at Egefield. Wymondham; H. & A. B. F. *L. spinulosa*, Presl. Growing intermixed with *cristata* and *uliginosa* at Edgefield. With *cristata* at Surlingham.

5. *L. dilatata*, Presl. Broad Prickly-toothed B. F. August—September.

In woods, hedge-banks, and marshes. Gimingham. Pauxworth. Westwick. Ingham. Aldeby. Mundesley. Trunch. Walcot. Bishopsthorpe. Ridlington. Brundall. Reepham. Hockering. Sutton. Hemblington. Ranworth. Witton. Banningham. Swanton Abbots. *L. multiflora*, Newm. In the plantations on each side of Telegraph Lane, and in those adjoining the Rosary Cemetery, in the Hamlet of Bishopsthorpe. In plantations at Westwick. Horstead.

IV. ATHYRIUM. *Lady-Fern.*

1. *A. Filix-fœmina*, Roth. Common L. F. June, July.

In damp shady ditch-banks, moist woods, and wet commons. Brundall. Cossey. Wolverton. Stanninghall. Reepham. Witton. Aldborough. Swanton Abbots. Gunton. Buckenham Ferry. Catfield. Westwick. Ingworth. Swannington. Ranworth; Mr. Bransby Francis. *A. rheticum*, Roth. In a bog at Reepham. By Antingham ponds. In a damp shady lane at Aldborough. On Witton common. Ridlington. On the common at Cossey; Mr. Bransby Francis.

V. ASPLENIUM. *Spleen-Wort.*

1. *A. Adiantum-nigrum*, L. Black S. W. June, September.

Hedge-banks and walls. Sprowston. Blickling. Cossey.

Salhouse. Spratt's green, Aylsham. Poringland. Thwaite. Horstead. Aldborough. Hanworth. Howe. Swanton Abbots. Happisburgh. Siderstrand. Swafield. Felmingham. Trimmingham. North Walsham. Trunch. Westwick. Gimingham. Banningham. Felthorpe. Witton. Scottow. Beeston St. Lawrence. Blickling. Hindolvestone. Blofield. Mannington. North Pickenham.

2. *A. Trichomanes*, L. Common Maidenhair S. W. May—November.

Walls and hedge-banks. Sprowston. Salhouse. Beeston St. Lawrence. Poringland. Thwaite. Swanton Abbots. Aldborough. Trunch. Felmingham. Cossey. Horstead. Spratt's green, Aylsham. Happisburgh. Siderstrand. Trimmingham. Swafield. Witton. Ingworth. Banks at Westwick. Banningham. Scottow. Banks at Howe. Ingham. North Walsham. Plentifully on banks at Blickling. On a bank at East Carleton. On Stanhoe church. Irstead. Rollesby.

3. *A. Ruta-muraria*, L. Rue-leaved S. W. or Wall Rue. May—September.

On old walls. Colby. On the church at Stanhoe. Flordon. Sprowston. Aylsham. Trowse. Horstead. Burgh St. Peter. Burnham Overy. Thuxton. Wreningham. East Harling. Erpingham. Happisburgh. Knapton. Siderstrand. West Newton. Shipdham. Eccles. Coltishall.

VI. *SCOLOPENDRIUM. Hart's-Tongue.*

1. *S. vulgare*, Sym. Common H. T. July, August.

Damp shady hedge-banks and crevices of brick-work in walls. In the parish well at Stanhoe. Kirby. Bedon. Aldborough. Reepham. Gimingham. Yelverton. Skeyton. *Swafield*. Salhouse. Happisburgh. Mundesley. Westwick.

Overstrand. North Walsham. Trunch. Felmingham. In the parish well at Little Plumstead. Shipdham. Scoulton. Great Thornage. Foulsham. Scarning. Sporle. Little Dunham. Newton by Castleacre. Gissing. Bessingham. Little Fransham. Gresham. Town Barningham. In the parish wells at Thorpe Market.

VII. CETERACH.

1. *C. officinarum*, Willd. Scaly C. April—October.

On Heydon church; F. B. Nearly exterminated, but some few plants remaining in 1859, beyond ladder reach on the west side of the tower, E. Haveringland church; N. H. B. F.

VIII. BLECHNUM. *Hard-Fern*.

1. *B. boreale*, Sw. Northern H. F. July.

On heaths, moist groves, and damp shady ditch-banks. Dersingham. Panxworth. Felthorpe. Reepham. Stratton Strawless. Mousehold heath. Witton. Hilly heaths near Sherringham. Westwick. Swannington. Haynford.

IX. PTERIS. *Brakes*.

1. *P. aquilina*, L. Common B. July.

Heaths, woods, lanes, and waste places. Crostwick. Stanhoe. Burnham Westgate. *Earlham*; W. A. A few plants are now growing in a wall just above the water's edge by the New Mill's bridge, over the river Wensum, in Norwich.

X. OSMUNDA. *Flowering-Fern*.

1. *O. regalis*, L. Osmund Royal, or F. F. June—August. Boggy places and skirts of wet woods. Dersingham.

Horsford. Witton. Reepham. Ranworth. Potter Heigham. Hoveton St. John. Hickling. Catfield. *South Walsham*, St. Faith's Newton; W. A. Geldeston and Ellingham fens, Caister by Yarmouth, Horning fen; B. G. Leziate; Rev. John Freeman. Buckenham; Sk. Mintling; J. B.

XI. BOTRYCHIUM. *Moon-Wort.*

1 *B. Lunaria*, Sw. Common M. W. June, July.

Dry pastures and heaths. Edgefield. *On the hills near the Lighthouse, Cromer, near Holt*, Stratton heath, Seething, Mousehold heath, Berghapton; B. G. Guestwick; Sk. Haveringland; Mr. Bransby Francis.

XII. OPHIOGLOSSUM. *Adder's Tongue.*

1. *O. vulgatum*, L. Common A. T. May, June.

Moist pastures, shady woods, and boggy places. Little Barwick. Dersingham. Whitlingham. In great abundance on Surlingham bogs. Horsford. Stratton Strawless. Flordon; Sk. Emneth, Leziate; J. B.

ORDER XCII. MARSILEACEÆ.

I. PILULARIA. *Pill-Wort.*

1. *P. globulifera*, L. Creeping P. W. June—August.

Margins of pools and watery gravel pits. On the edge of a very small pond by the turnpike road at Stratton Strawless. The pond is marked down in Ogilby's Book of Roads published in the reign of Charles the Second. In a pool by the lane side near the mill at Horstead. Ditches at Witton. Ridlington. Haynford and Stratton Strawless heaths; W. A. *Yarmouth*; F. B. *Bogs at Westwick*; B. G.

ORDER XCIII. LYCOPODIACEÆ.

I. LYCOPodium. *Club-Moss.*

1. *L. clavatum*, L. Common C. M. July, August.
Sparingly on a few heaths. Dersingham. Bramerton.
Mousehold. Horsford. Coxford. Siderstone. Roughton.
Holt. Swannington. *Great Bircham*; W. A.
2. *L. inundatum*, L. Marsh C. M. August, September.
Occasionally on moist heaths. Horsford. Horning.
Dersingham. Stratton Strawless. Felthorpe. Ellingham
fen; W. A. St. Faith's heath; F. B. Holt Lowes, Mouse-
hold heath; B. G. Briston; Sk. Swannington; Mr. Bransby
Francis.
3. *L. Selago*, L. Fir C. M. June, August.
Rare. Heaths. Edgefield. Felthorpe bogs; F. B.
Holt Lowes; Sk. Swannington; Mr. Bransby Francis.

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THE END.





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